

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015035.D
 Acq On : 27 Feb 2020 09:54
 Operator : JC/SP
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 11:37:15 AM

Quant Time: Feb 27 10:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	580600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	549038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	206489	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.49	113	176016	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	689917	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	279859	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	74486	19.892	ug/l 98
3) Chloromethane	1.32	50	93586	22.045	ug/l 98
4) Vinyl Chloride	1.41	62	93517	20.449	ug/l 100
5) Bromomethane	1.64	94	53181	17.965	ug/l 97
6) Chloroethane	1.72	64	54966	18.784	ug/l 96
7) Trichlorofluoromethane	1.93	101	111287	17.417	ug/l 98
8) Diethyl Ether	2.18	74	47928	18.089	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71119	19.175	ug/l 99
10) Methyl Iodide	2.51	142	61448	17.932	ug/l 99
11) Tert butyl alcohol	3.02	59	79430	100.814	ug/l 99
12) 1,1-Dichloroethene	2.37	96	67109	18.517	ug/l 96
13) Acrolein	2.28	56	47256	78.694	ug/l 93
14) Allyl chloride	2.72	41	123936	19.288	ug/l 92
15) Acrylonitrile	3.13	53	212614	106.447	ug/l 99
16) Acetone	2.43	43	216479	83.011	ug/l 95
17) Carbon Disulfide	2.56	76	163625	16.159	ug/l 99
18) Methyl Acetate	2.76	43	104394	23.228	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	226694	19.220	ug/l 99
20) Methylene Chloride	2.85	84	76647	17.855	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	71002	17.755	ug/l 96
22) Diisopropyl ether	3.84	45	253015	20.617	ug/l 91
23) Vinyl Acetate	3.80	43	1047844	103.576	ug/l 99
24) 1,1-Dichloroethane	3.69	63	134227	19.380	ug/l 99
25) 2-Butanone	4.65	43	306742	100.970	ug/l 99
26) 2,2-Dichloropropane	4.57	77	103567	17.351	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	83984	18.787	ug/l 98
28) Bromochloromethane	5.00	49	58577	21.819	ug/l 97
29) Tetrahydrofuran	5.11	42	189227	109.571	ug/l 96
30) Chloroform	5.20	83	129542	18.851	ug/l 99
31) Cyclohexane	5.57	56	119021	18.867	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	108191	17.998	ug/l 99
36) 1,1-Dichloropropene	5.79	75	97756	18.822	ug/l 99
37) Ethyl Acetate	4.81	43	113306	20.917	ug/l 99
38) Carbon Tetrachloride	5.78	117	92994	18.373	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	121253	18.668	ug/l	98
40) Benzene	6.14	78	301818	19.450	ug/l	99
41) Methacrylonitrile	5.03	41	62955	21.573	ug/l	97
42) 1,2-Dichloroethane	6.18	62	102556	18.286	ug/l	94
43) Isopropyl Acetate	6.43	43	182365	20.408	ug/l	100
44) Trichloroethene	7.20	130	84717	18.806	ug/l	98
45) 1,2-Dichloropropane	7.50	63	81405	20.570	ug/l	99
46) Dibromomethane	7.65	93	51979	19.215	ug/l	99
47) Bromodichloromethane	7.89	83	101797	18.979	ug/l	95
48) Methyl methacrylate	7.76	41	89934	20.451	ug/l	96
49) 1,4-Dioxane	7.73	88	35301	429.338	ug/l	90
51) 4-Methyl-2-Pentanone	8.63	43	583661	108.172	ug/l	99
52) Toluene	8.78	92	192437	19.525	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	109084	18.557	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	125291	19.294	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	81200	20.363	ug/l	98
56) Ethyl methacrylate	9.17	69	120081	20.035	ug/l	98
57) 1,3-Dichloropropane	9.36	76	133955	19.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	303017	96.671	ug/l	98
59) 2-Hexanone	9.48	43	447629	105.546	ug/l	99
60) Dibromochloromethane	9.57	129	83583	19.478	ug/l	98
61) 1,2-Dibromoethane	9.67	107	82163	19.097	ug/l	99
64) Tetrachloroethene	9.33	164	87770	17.098	ug/l	94
65) Chlorobenzene	10.13	112	213007	19.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79056	19.555	ug/l	98
67) Ethyl Benzene	10.25	91	370145	19.544	ug/l	98
68) m/p-Xylenes	10.35	106	287408	39.393	ug/l	97
69) o-Xylene	10.70	106	140096	19.976	ug/l	98
70) Styrene	10.71	104	240634	20.282	ug/l	99
71) Bromoform	10.85	173	68809	20.391	ug/l #	100
73) Isopropylbenzene	11.01	105	404864	20.207	ug/l	100
74) N-amyl acetate	10.89	43	166607	20.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138977	21.219	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	130947m	22.665	ug/l	
77) Bromobenzene	11.25	156	108607	19.421	ug/l	97
78) n-propylbenzene	11.35	91	460531	19.873	ug/l	100
79) 2-Chlorotoluene	11.42	91	273268	20.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	333875	19.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42668	18.904	ug/l	96
82) 4-Chlorotoluene	11.51	91	312771	19.386	ug/l	100
83) tert-Butylbenzene	11.76	119	325681	20.543	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	342191	20.282	ug/l	99
85) sec-Butylbenzene	11.94	105	400912	20.357	ug/l	98
86) p-Isopropyltoluene	12.06	119	363936	19.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187203	18.660	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	192773	18.816	ug/l	99
89) n-Butylbenzene	12.39	91	311165	18.852	ug/l	99
90) Hexachloroethane	12.59	117	62342	19.370	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188746	19.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28312	18.425	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132435	18.237	ug/l	98
94) Hexachlorobutadiene	13.78	225	68031	19.369	ug/l	98
95) Naphthalene	13.83	128	374270	19.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	131933	18.805	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

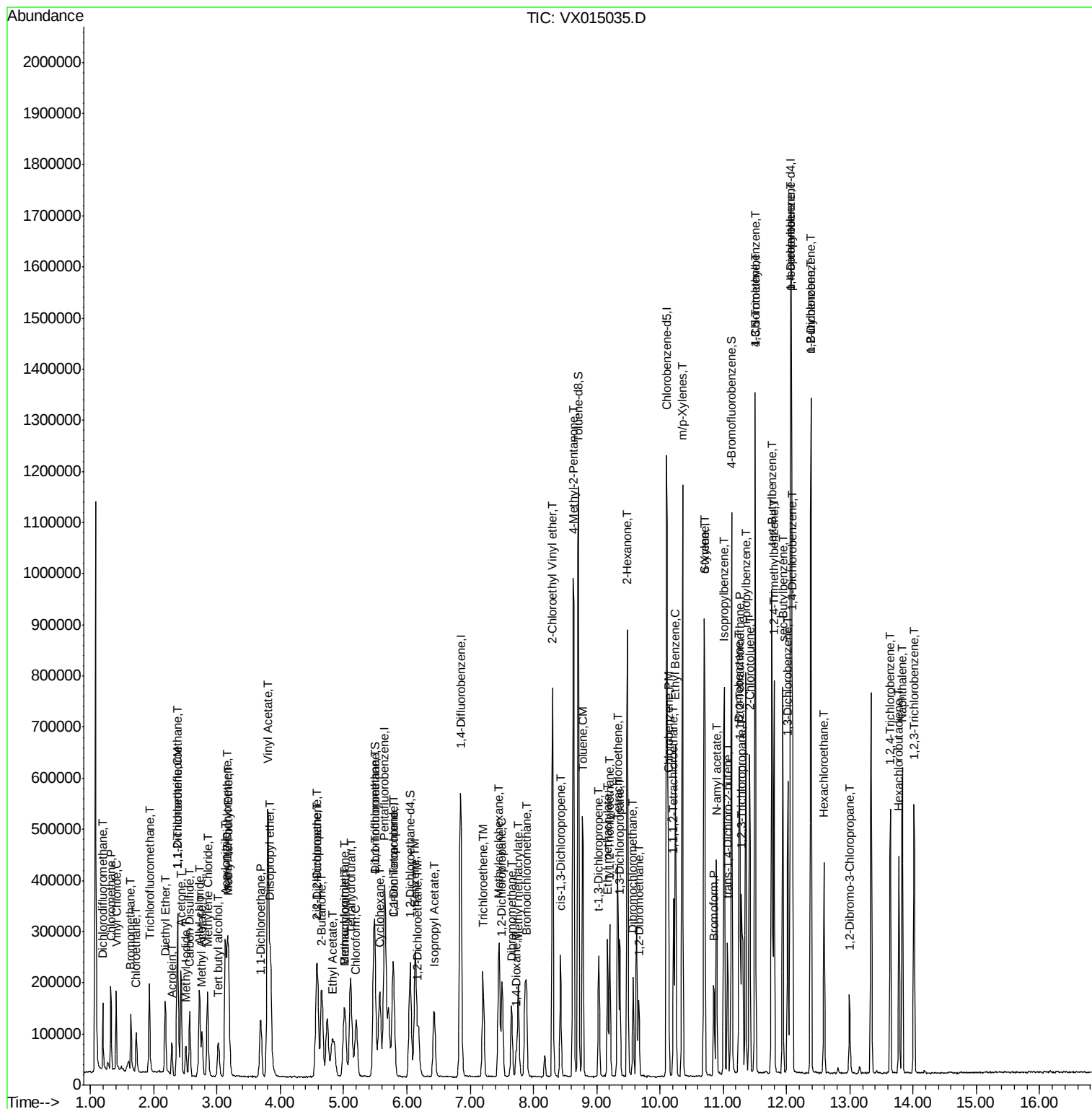
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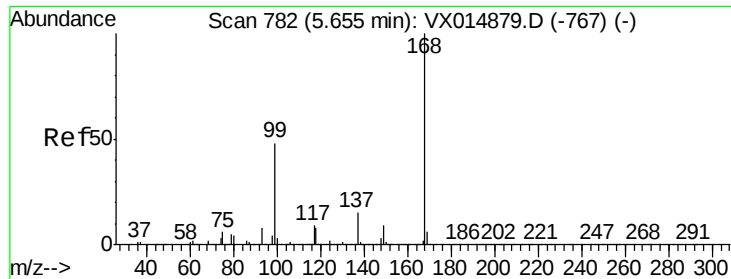
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:168 Resp: 395396

Ion Ratio Lower Upper

168 100

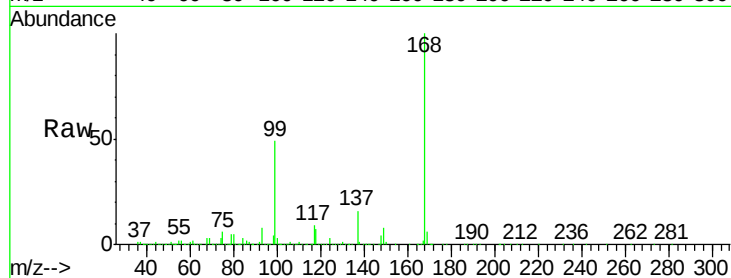
99 48.3 38.7 58.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

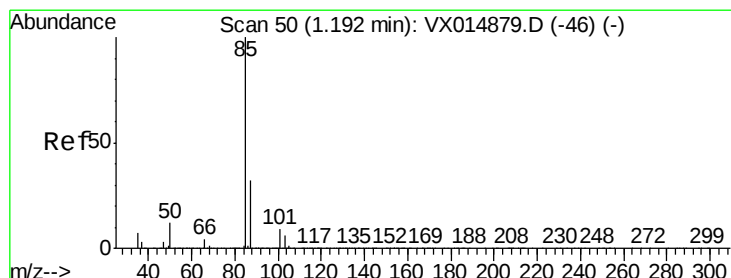
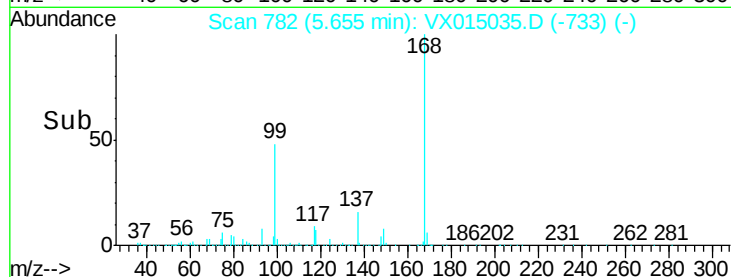
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.892 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015035.D

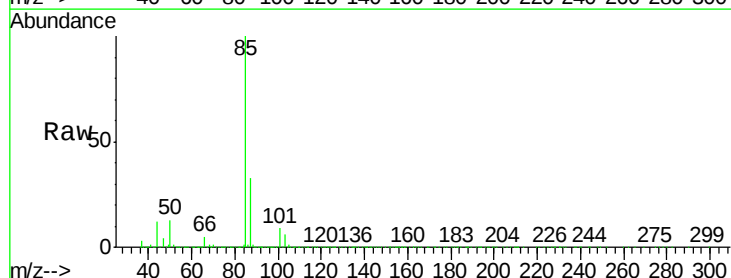
Acq: 27 Feb 2020 09:54

Tgt Ion: 85 Resp: 74486

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

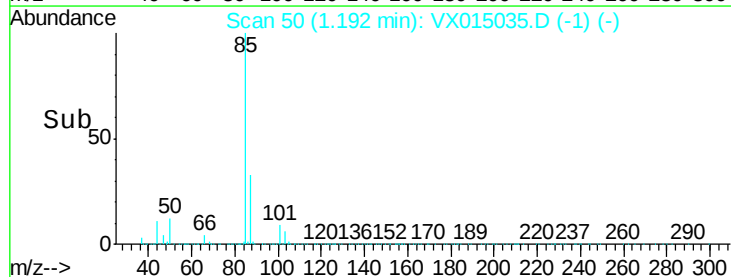
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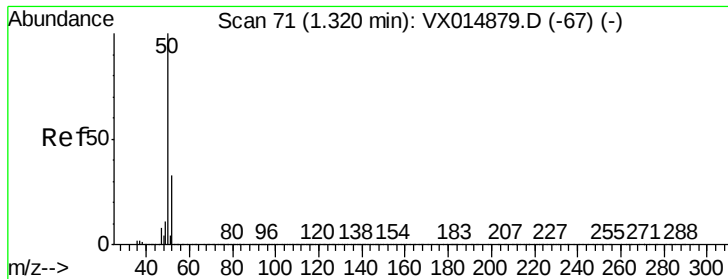
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.045 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 50 Resp: 93586

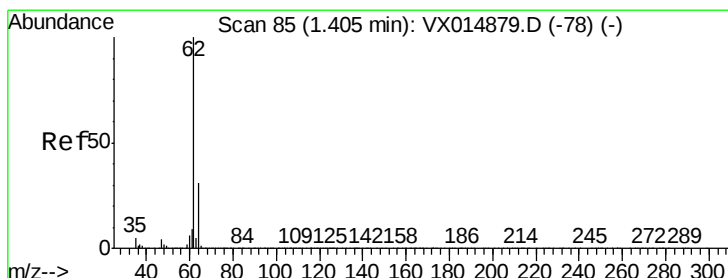
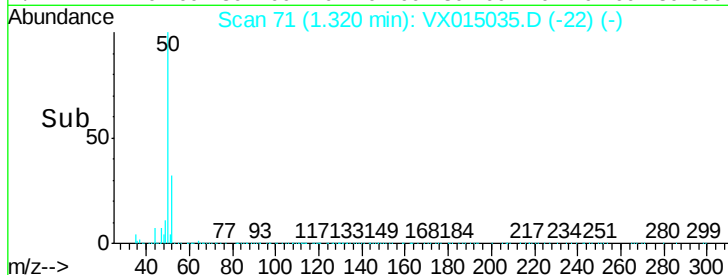
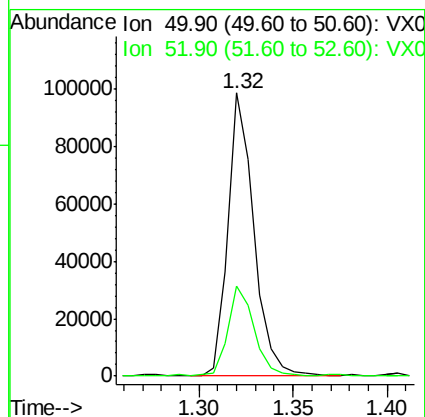
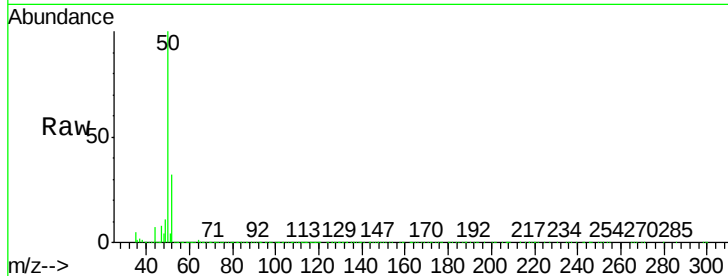
Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 20.449 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015035.D

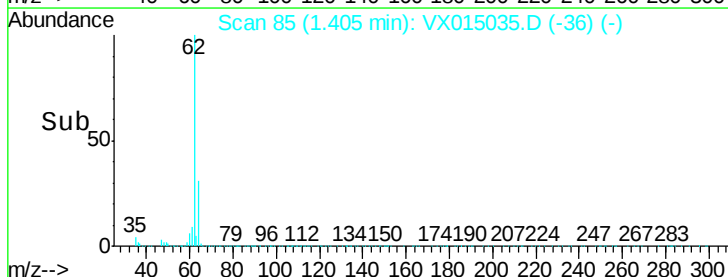
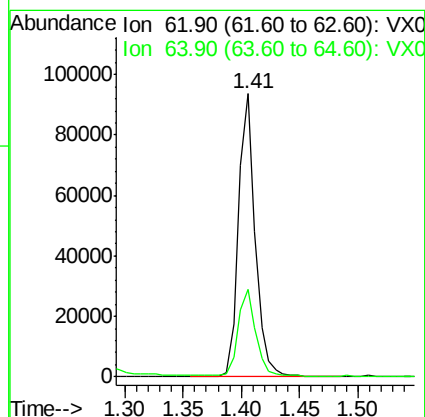
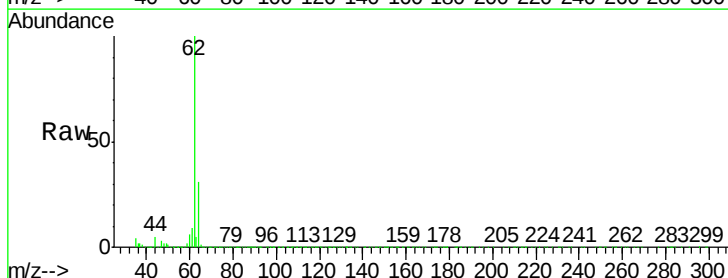
Acq: 27 Feb 2020 09:54

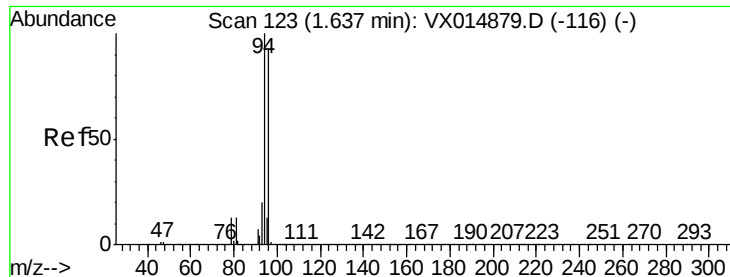
Tgt Ion: 62 Resp: 93517

Ion Ratio Lower Upper

62 100

64 30.7 24.8 37.2





#5

Bromomethane

Concen: 17.965 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

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ClientSampleId :

VX0227WBS01

Tot Ion: 94 Resp: 53181

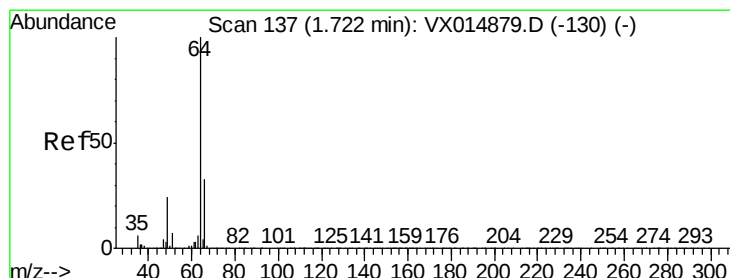
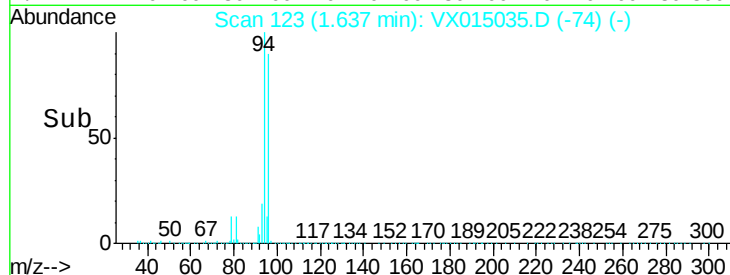
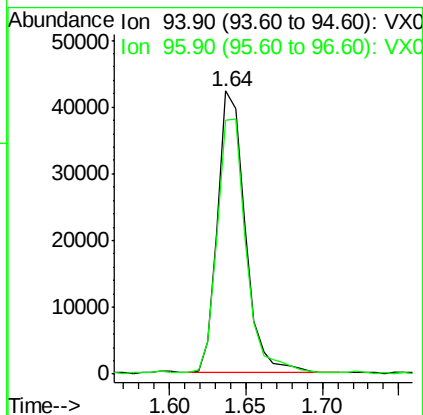
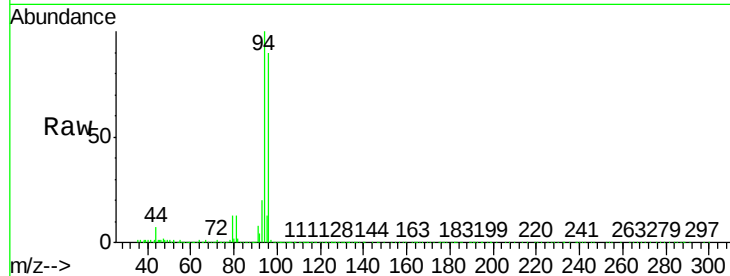
Ion Ratio Lower Upper

94 100

96 89.7 73.7 110.5

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#6

Chloroethane

Concen: 18.784 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015035.D

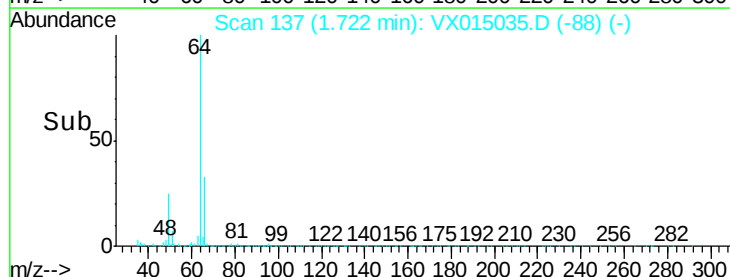
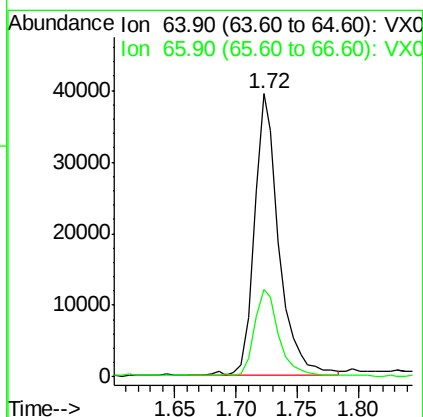
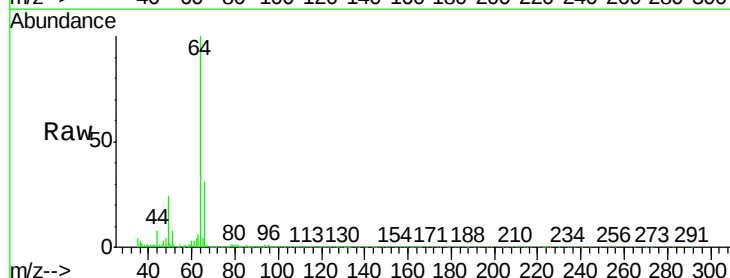
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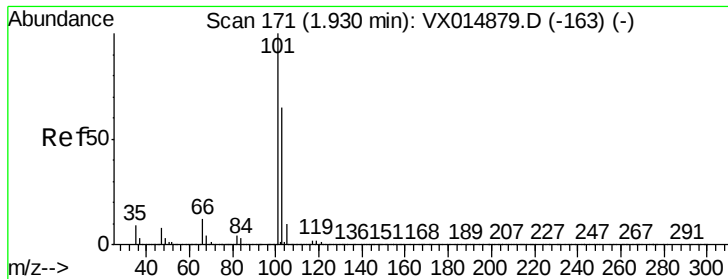
Tgt Ion: 64 Resp: 54966

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4





#7

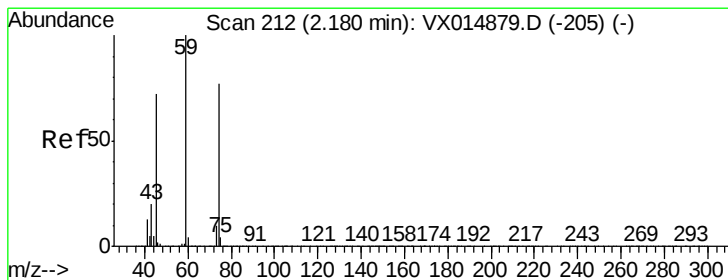
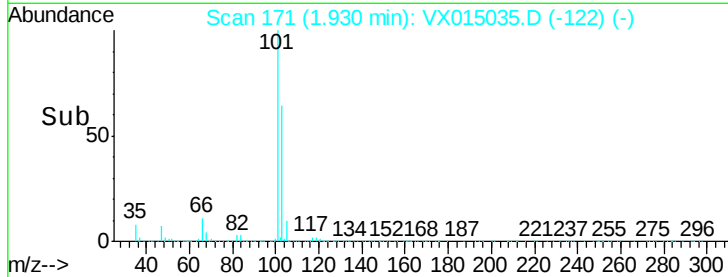
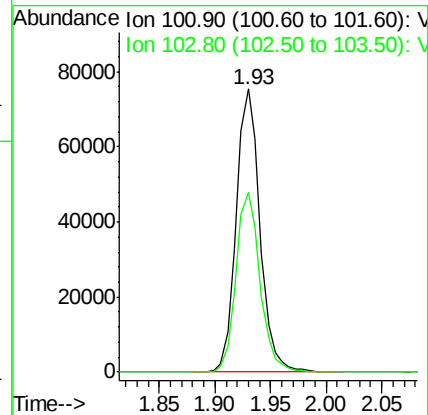
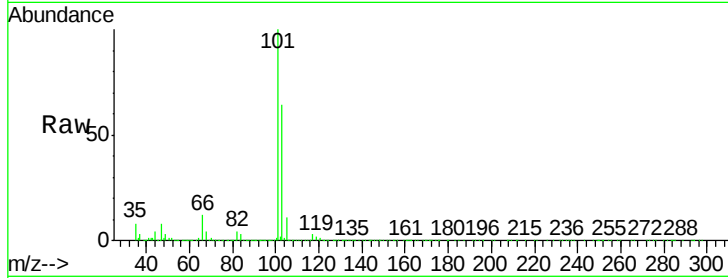
Trichlorofluoromethane
Concen: 17.417 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.2	78.4

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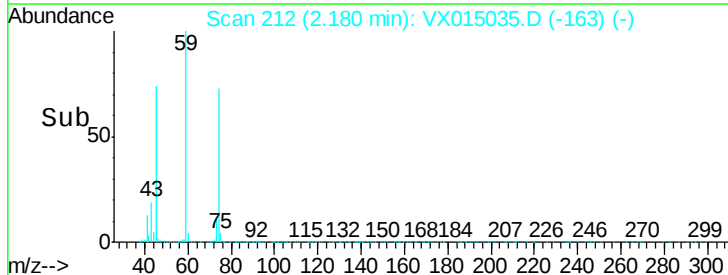
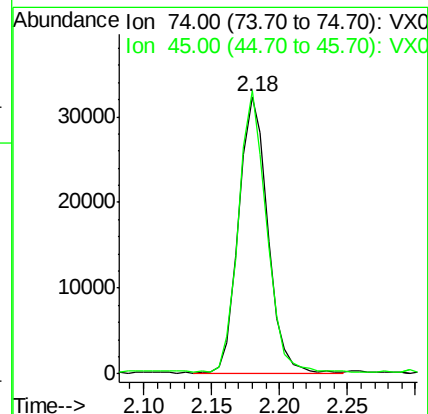
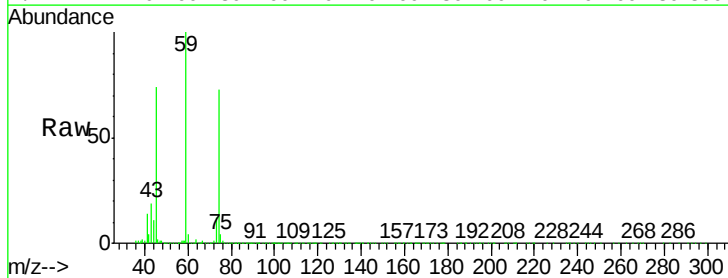
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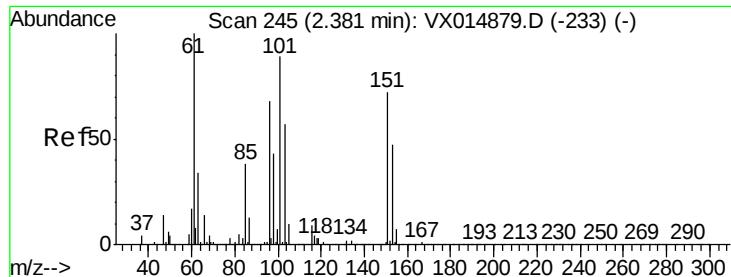


#8

Diethyl Ether
Concen: 18.089 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.175 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

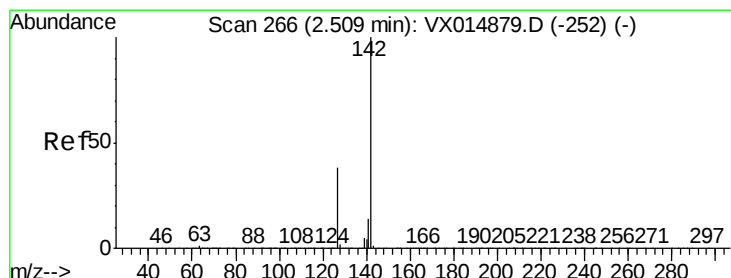
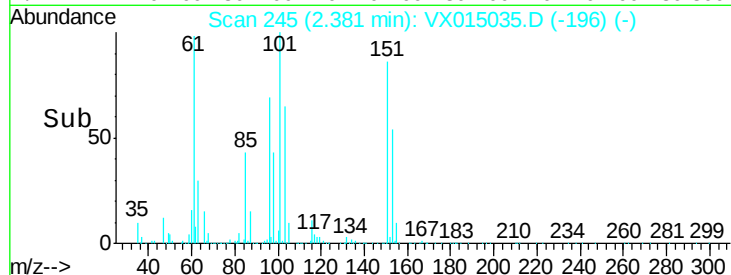
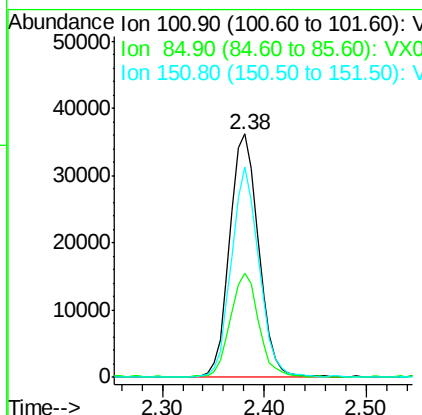
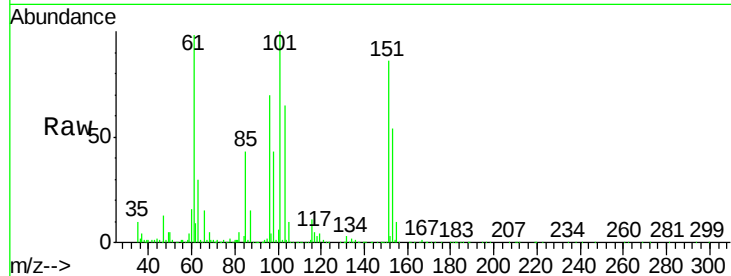
ClientSampleId :

VX0227WBS01

Tot Ion:	101	Resp:	71119
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.1	51.1
151	82.7	67.3	100.9

Manual Integrations
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2/28/2020 11:37:15 AM



#10

Methyl Iodide

Concen: 17.932 ug/l

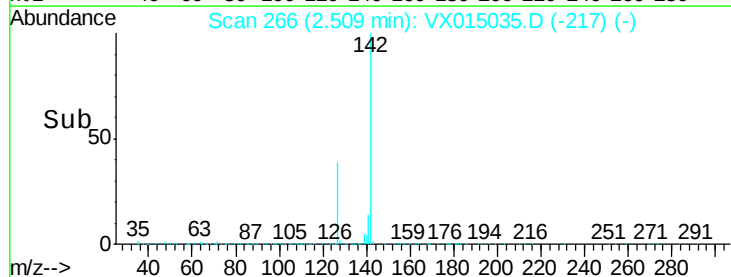
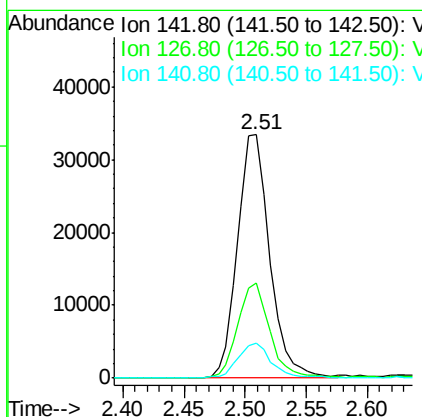
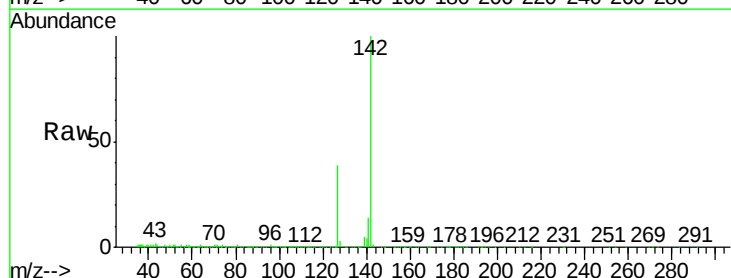
RT: 2.51 min Scan# 266

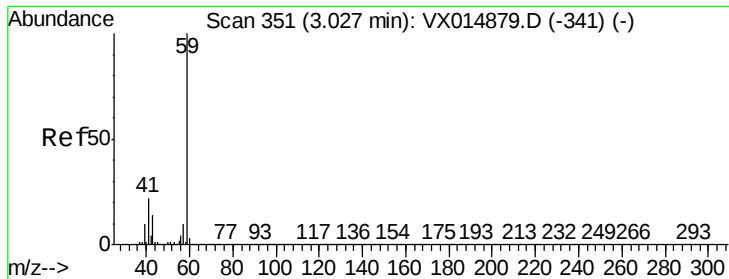
Delta R.T. 0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	142	Resp:	61448
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.1	46.7
141	14.9	11.3	16.9





#11

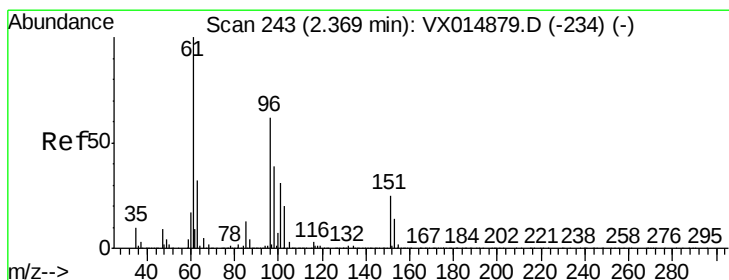
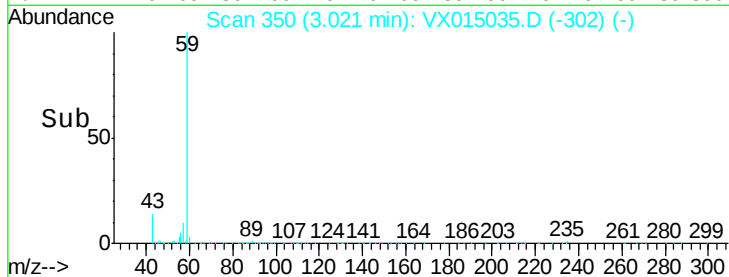
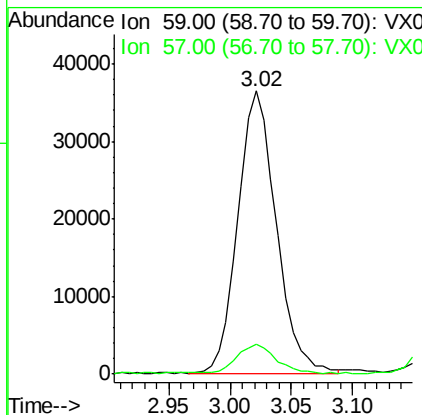
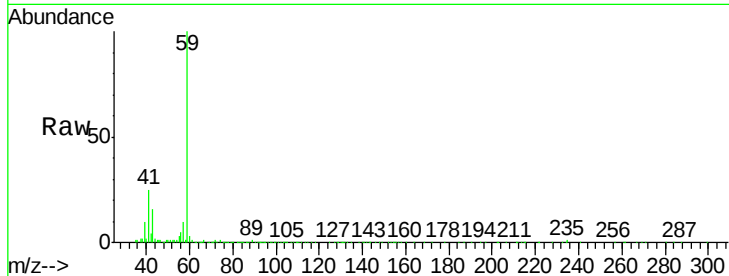
Tert butyl alcohol
Concen: 100.814 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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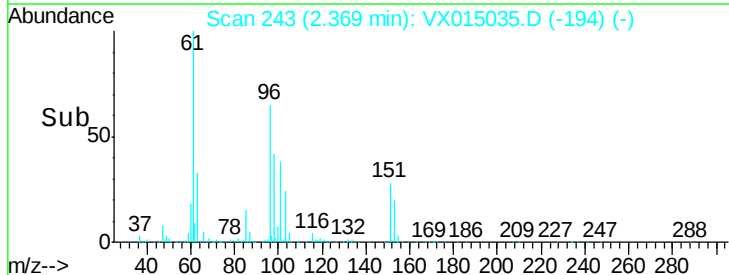
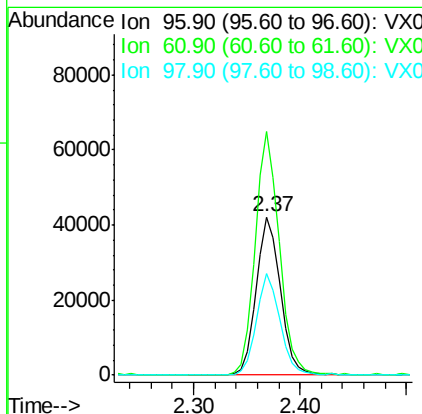
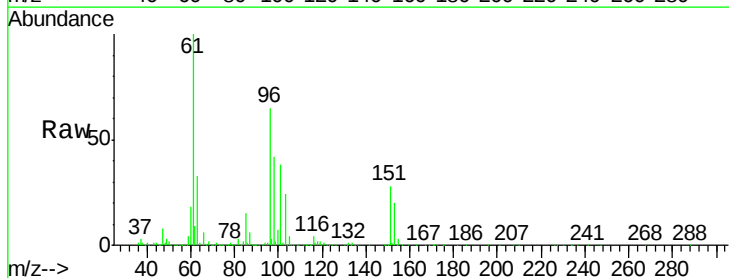
MMDadoda
2/28/2020 11:37:15 AM

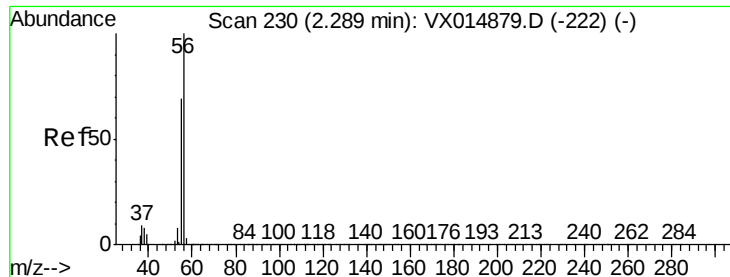


#12

1,1-Dichloroethene
Concen: 18.517 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.1	129.5	194.3
98	63.8	50.6	76.0





#13

Acrolein

Concen: 78.694 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

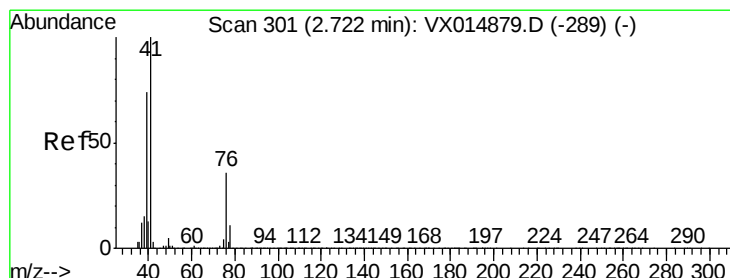
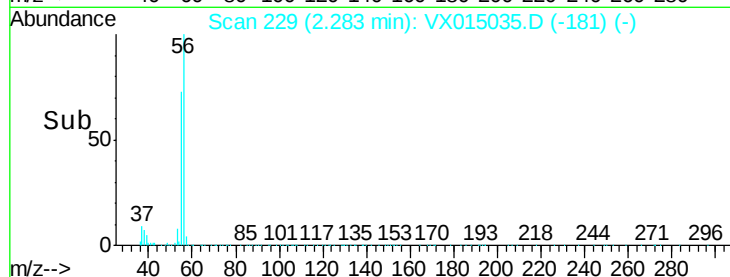
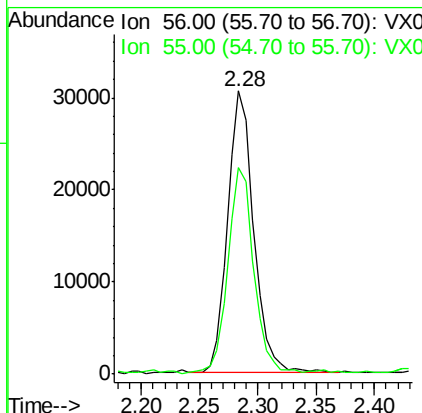
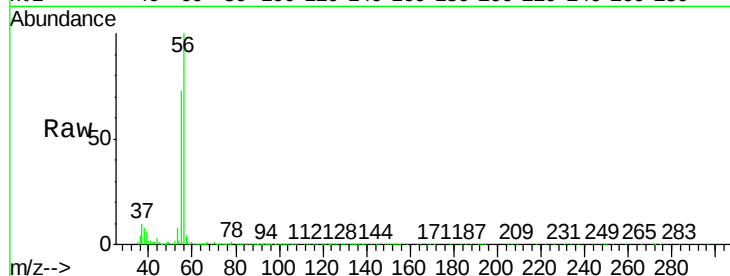
ClientSampleId :

VX0227WBS01

Tot Ion:	56	Resp:	47256
Ion Ratio	Lower	Upper	
56	100		
55	74.3	55.0	82.4

Manual Integrations
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MMDadoda
2/28/2020 11:37:15 AM



#14

Allyl chloride

Concen: 19.288 ug/l

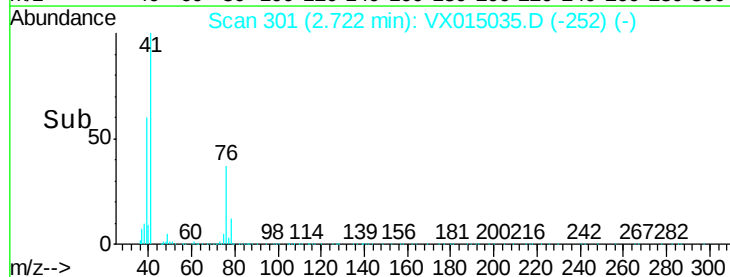
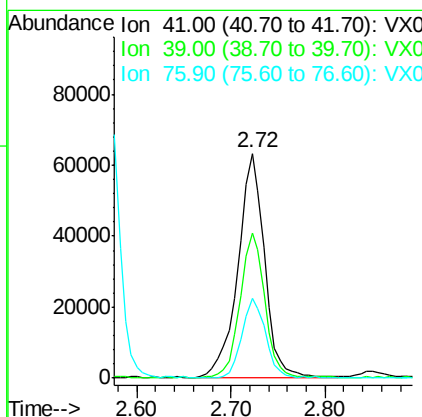
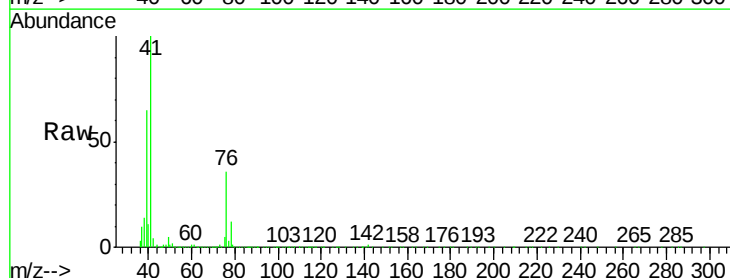
RT: 2.72 min Scan# 301

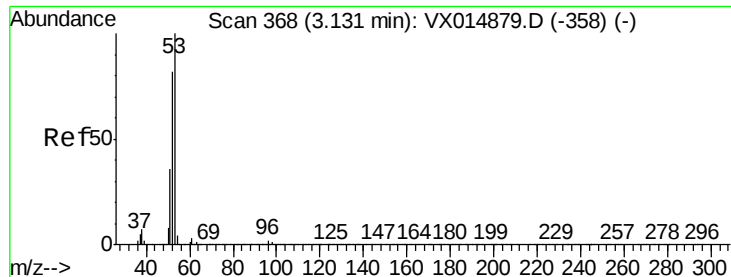
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	41	Resp:	123936
Ion Ratio	Lower	Upper	
41	100		
39	61.2	55.2	82.8
76	31.6	26.8	40.2





#15

Acrylonitrile

Concen: 106.447 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

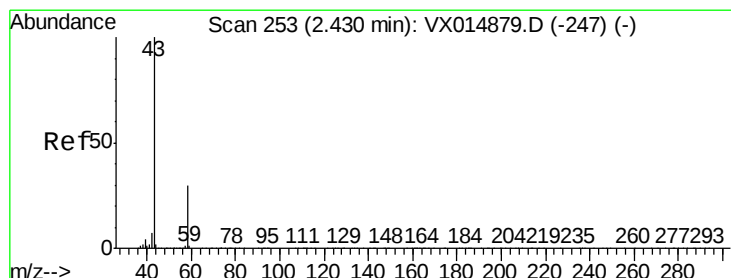
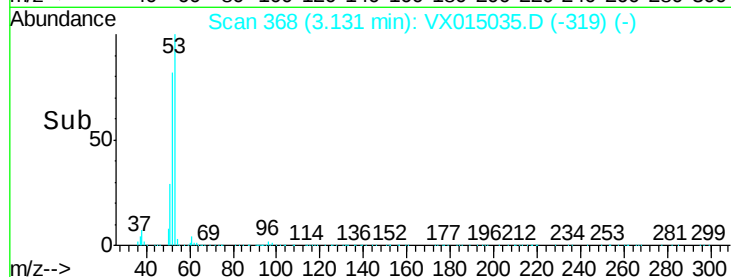
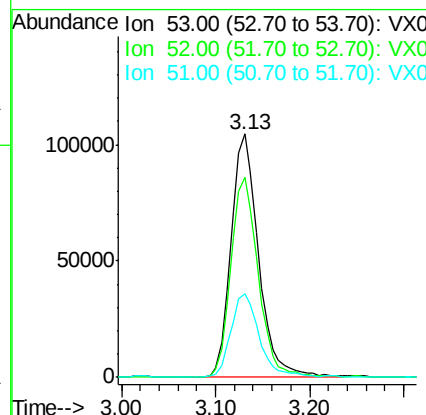
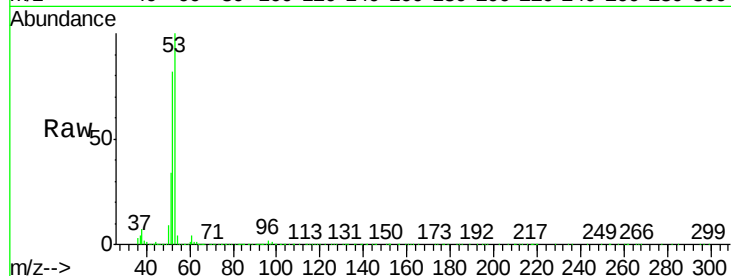
ClientSampleId :

VX0227WBS01

Tot Ion:	53	Resp:	212614
Ion Ratio		Lower	Upper
53	100		
52	81.4	65.8	98.6
51	35.5	29.1	43.7

Manual Integrations
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2/28/2020 11:37:15 AM



#16

Acetone

Concen: 83.011 ug/l

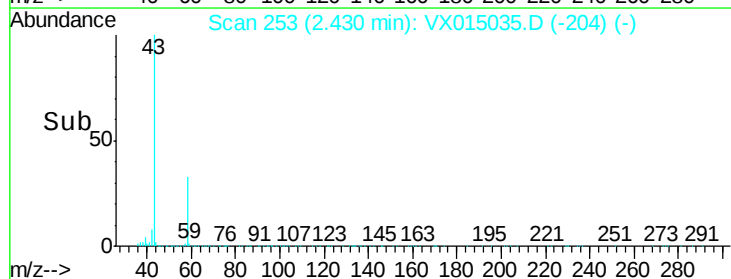
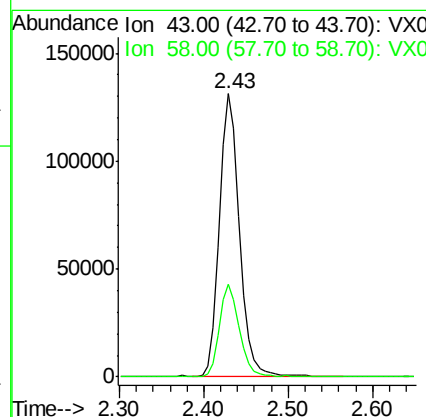
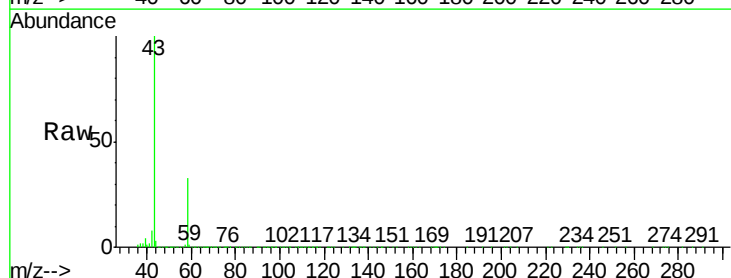
RT: 2.43 min Scan# 253

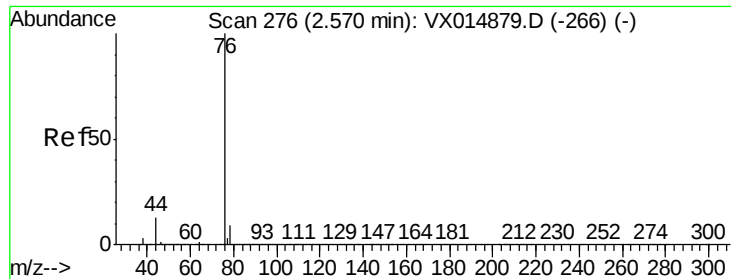
Delta R.T. 0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	43	Resp:	216479
Ion Ratio		Lower	Upper
43	100		
58	32.6	24.1	36.1





#17

Carbon Disulfide

Concen: 16.159 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 76 Resp: 163625

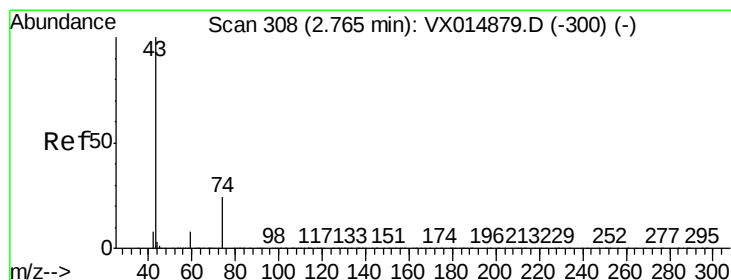
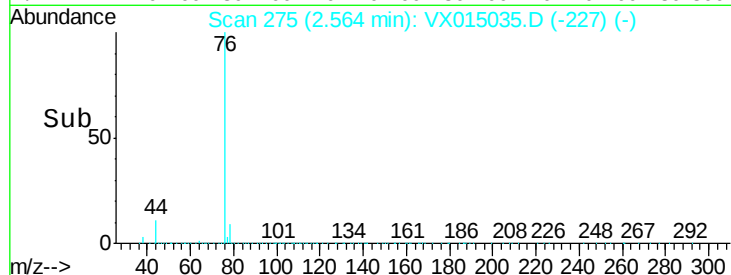
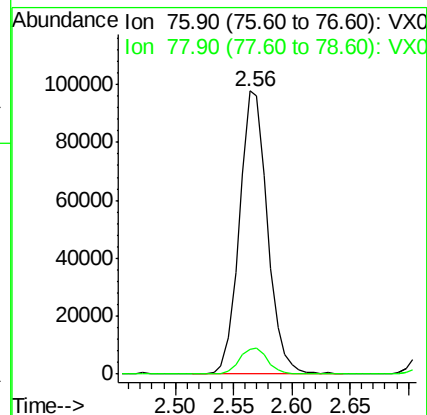
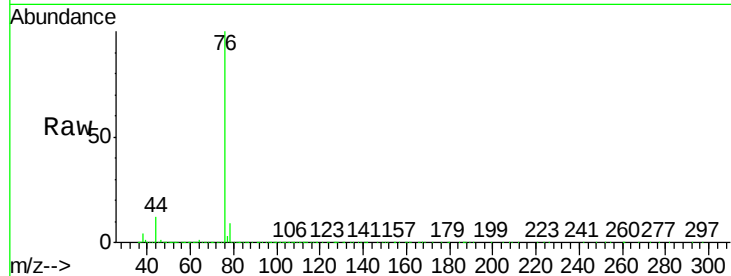
Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

Manual Integrations
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2/28/2020 11:37:15 AM



#18

Methyl Acetate

Concen: 23.228 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015035.D

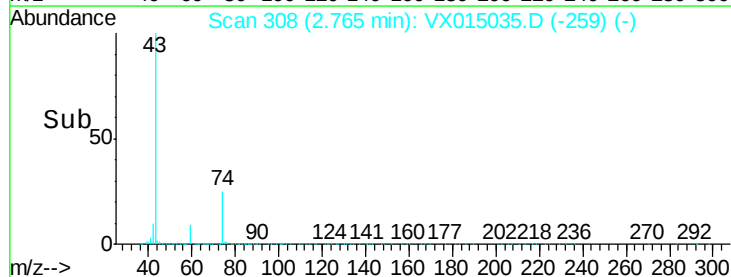
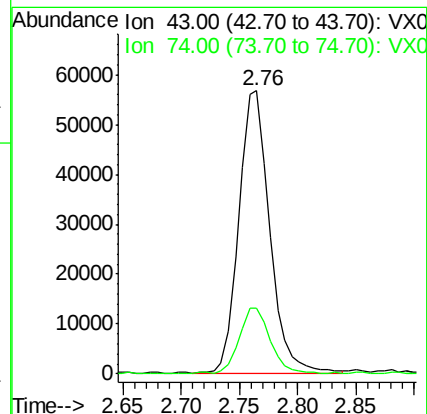
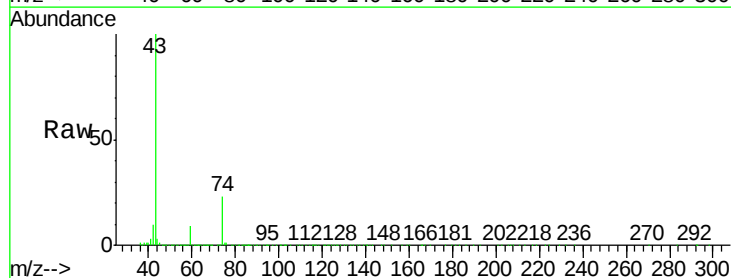
Acq: 27 Feb 2020 09:54

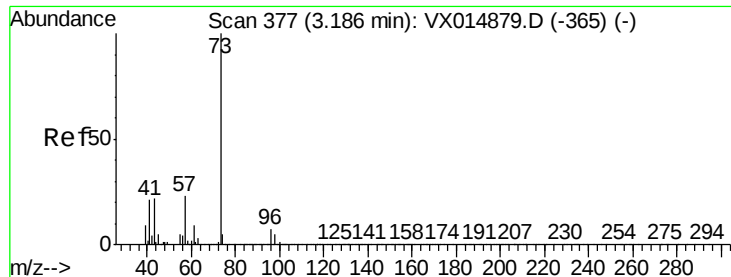
Tgt Ion: 43 Resp: 104394

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0





#19

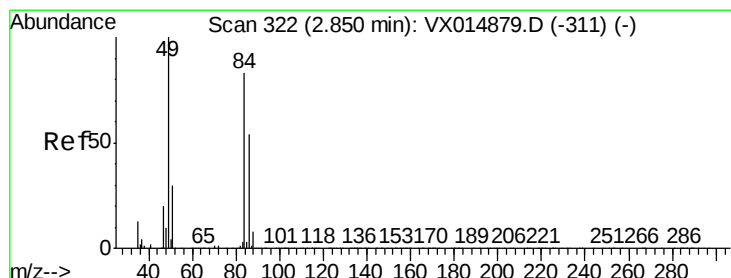
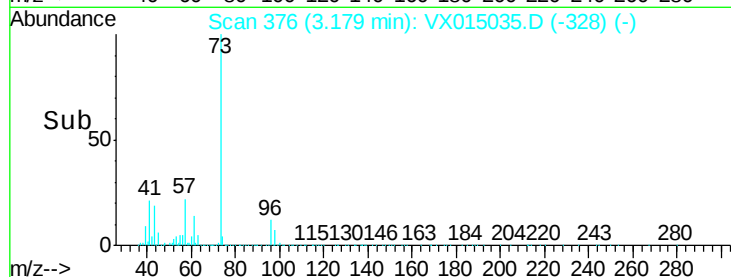
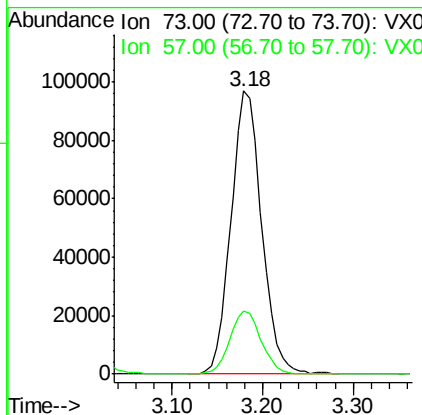
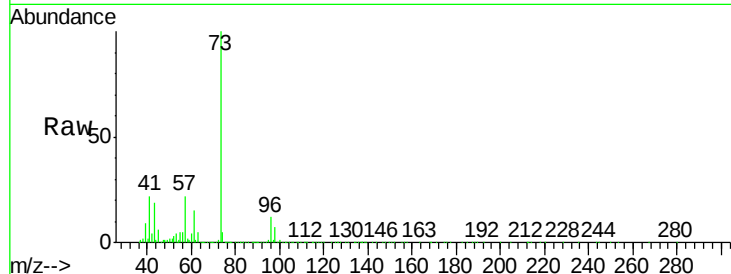
Methyl tert-butyl Ether
 Concen: 19.220 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.2	27.4

Manual Integrations
 APPROVED

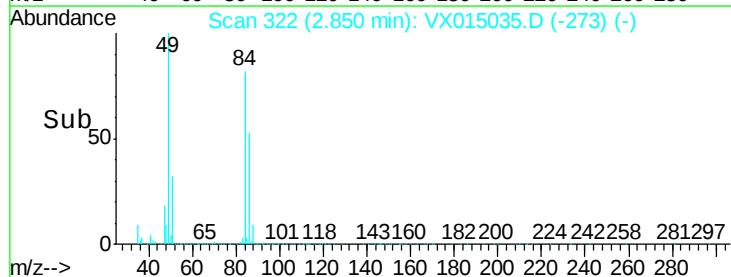
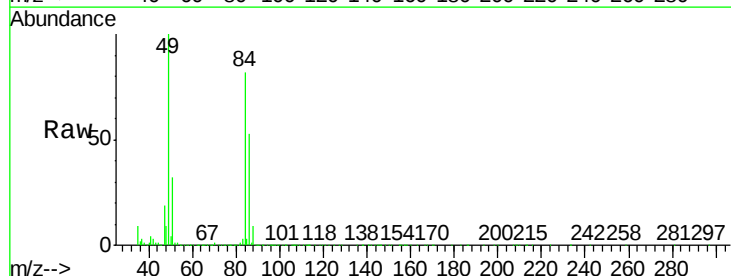
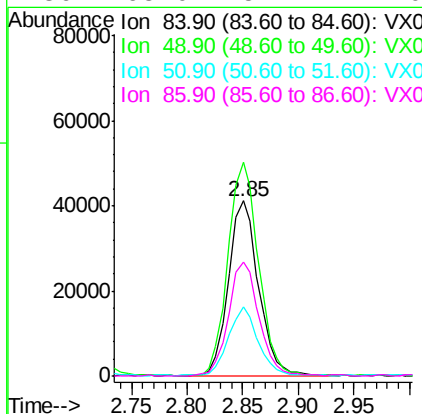
MMDadoda
 2/28/2020 11:37:15 AM

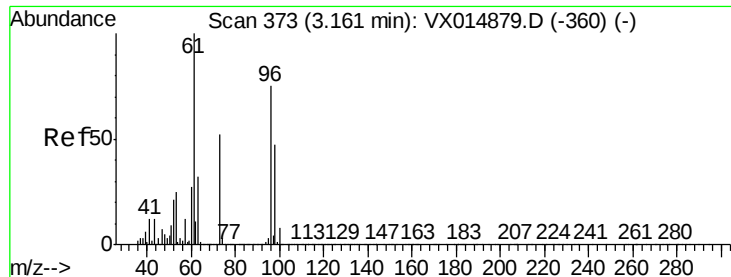


#20

Methylene Chloride
 Concen: 17.855 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.6	143.4
51	38.9	29.0	43.6
86	65.0	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 17.755 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

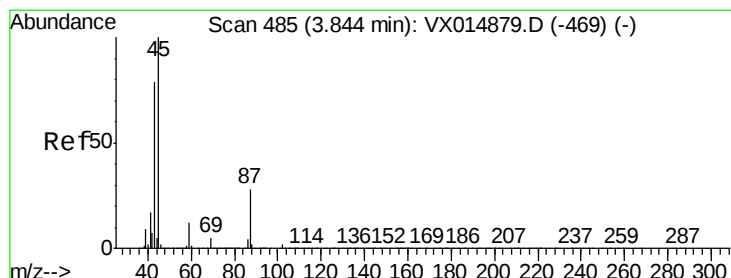
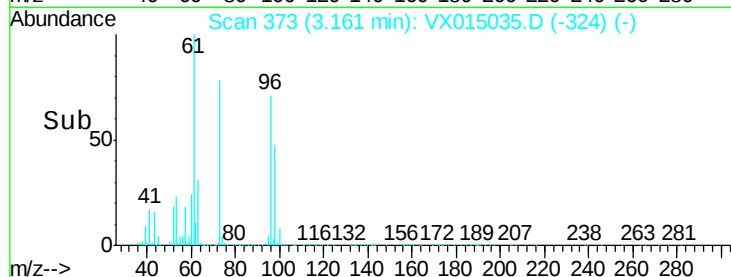
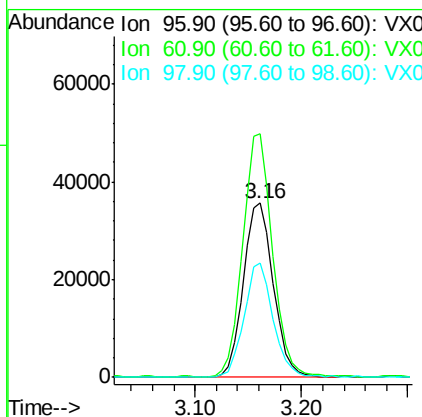
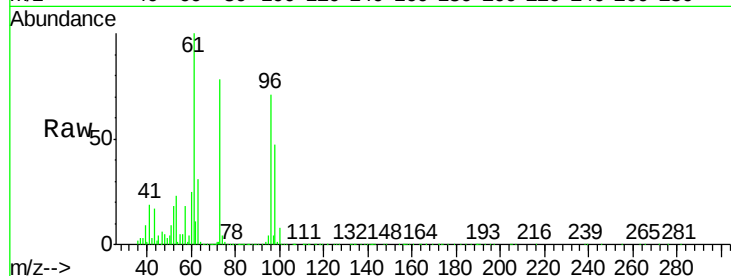
ClientSampleId :

VX0227WBS01

Tot Ion:	96	Resp:	71002
Ion	Ratio	Lower	Upper
96	100		
61	139.3	106.9	160.3
98	65.6	50.7	76.1

Manual Integrations
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2/28/2020 11:37:15 AM



#22

Diisopropyl ether

Concen: 20.617 ug/l

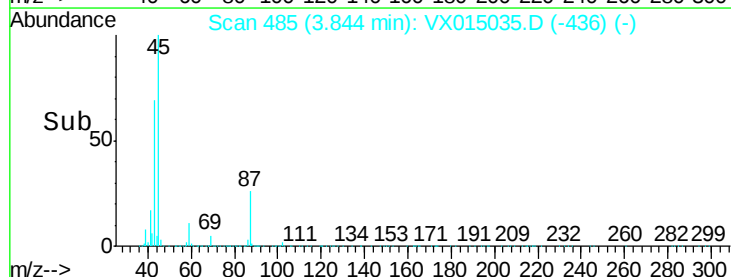
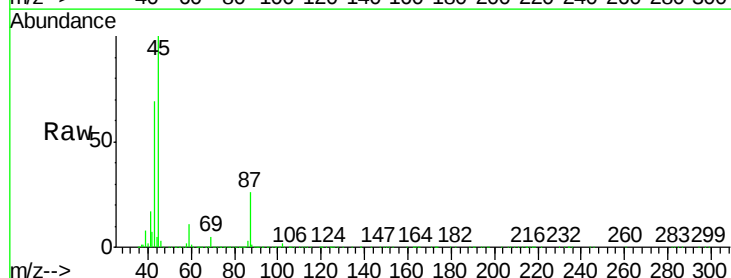
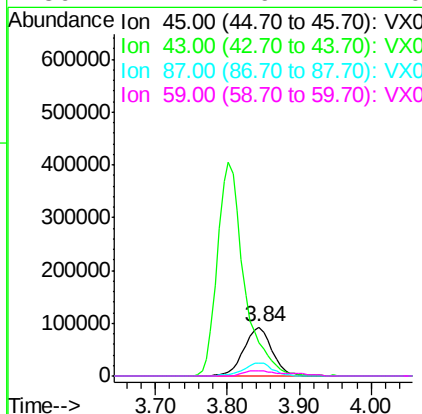
RT: 3.84 min Scan# 485

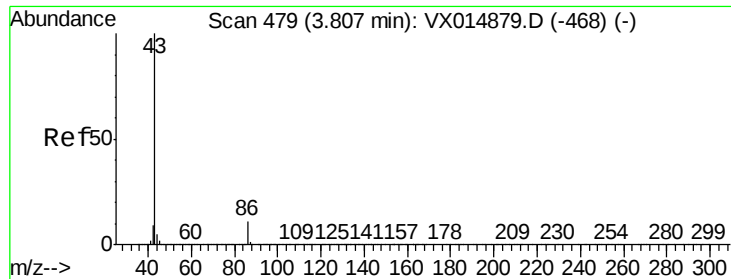
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	45	Resp:	253015
Ion	Ratio	Lower	Upper
45	100		
43	68.7	63.5	95.3
87	25.8	22.2	33.4
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 103.576 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VX0227WBS01

Tot Ion: 43 Resp: 1047844

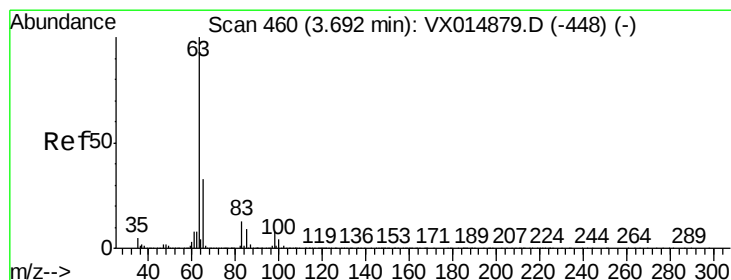
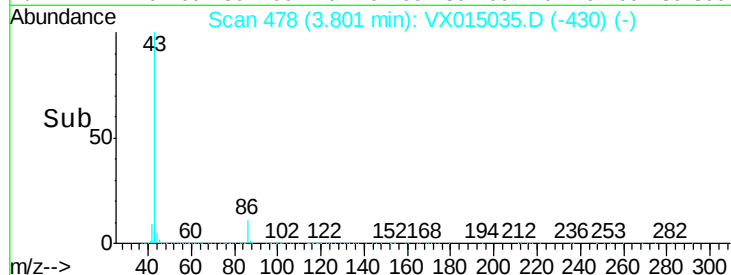
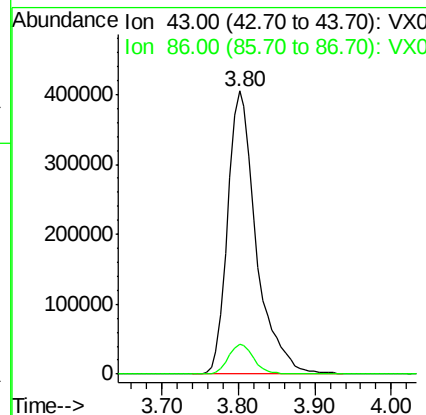
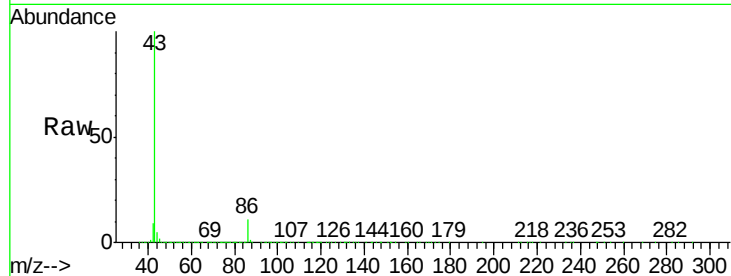
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
2/28/2020 11:37:15 AM



#24

1,1-Dichloroethane

Concen: 19.380 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

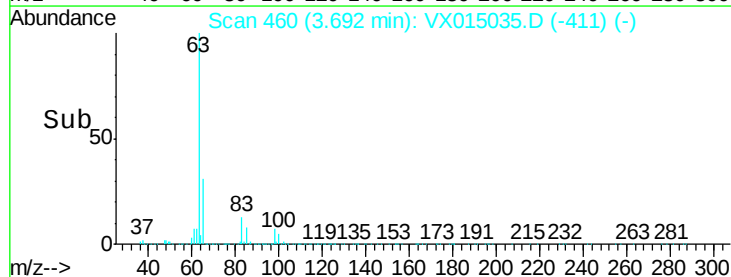
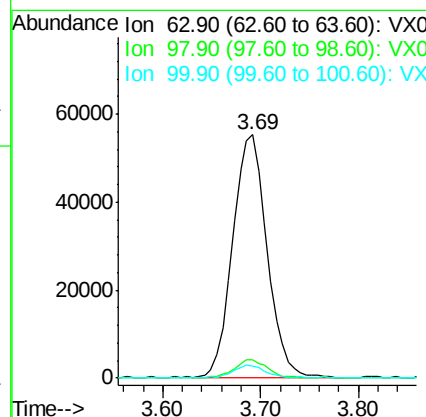
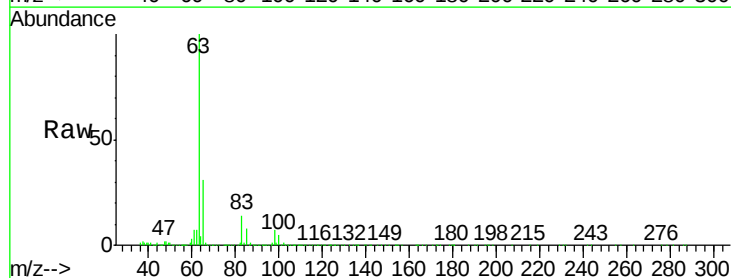
Tgt Ion: 63 Resp: 134227

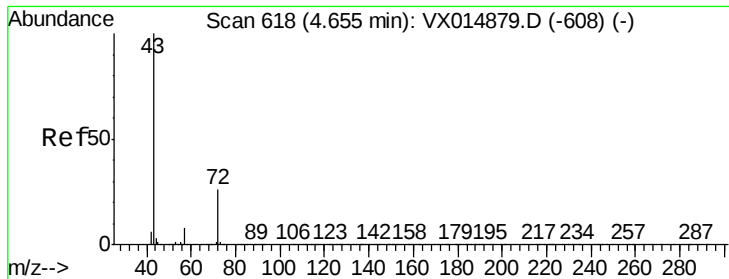
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 100.970 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 43 Resp: 306742

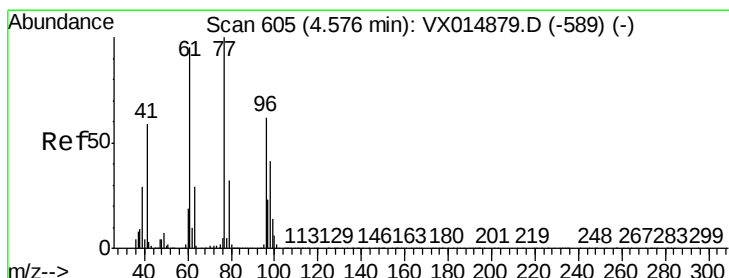
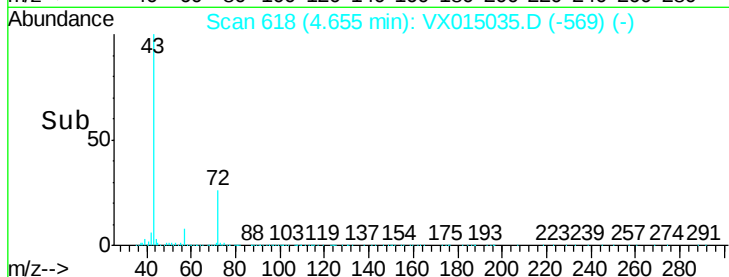
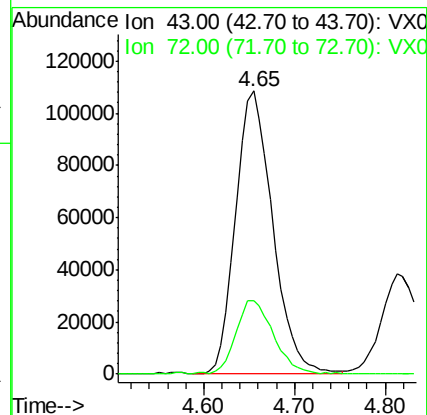
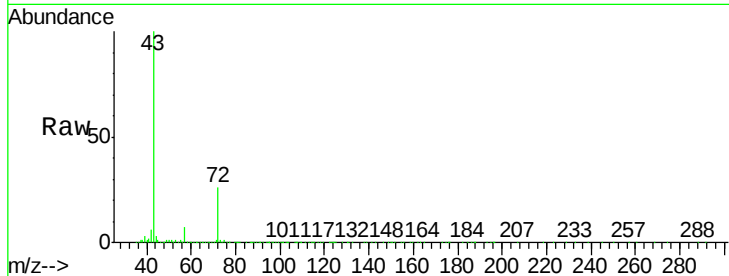
Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 17.351 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015035.D

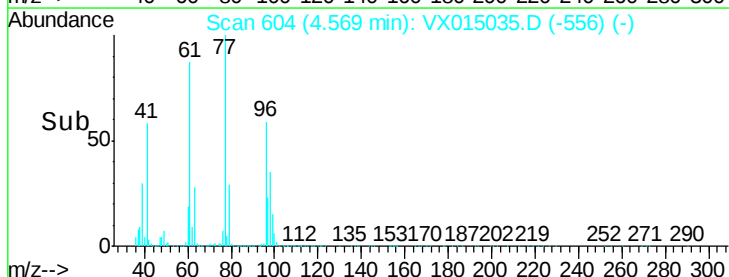
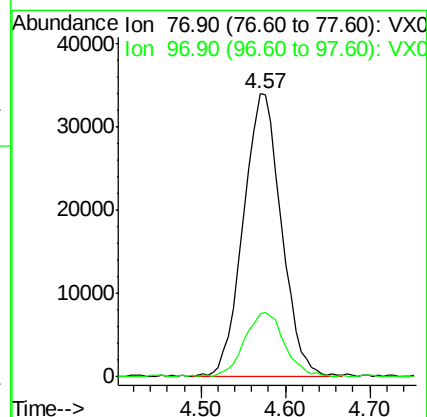
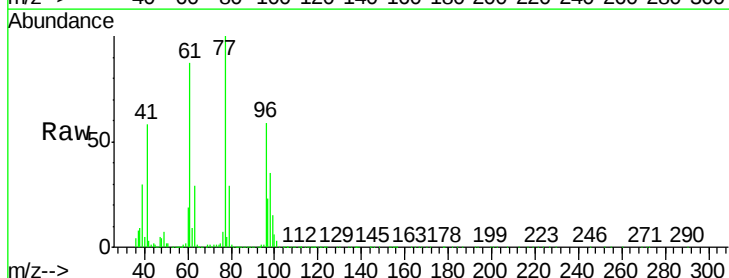
Acq: 27 Feb 2020 09:54

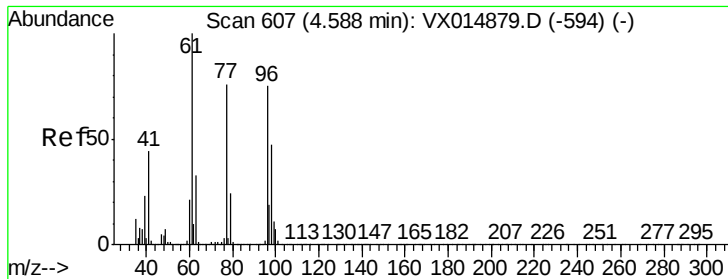
Tgt Ion: 77 Resp: 103567

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





#27

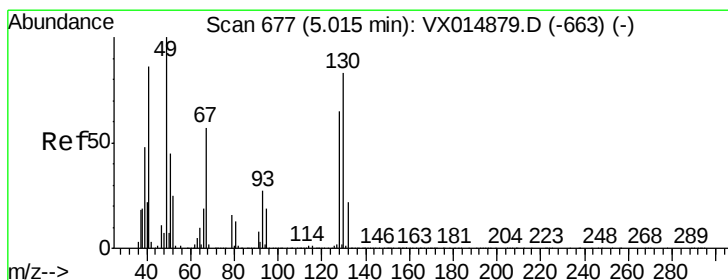
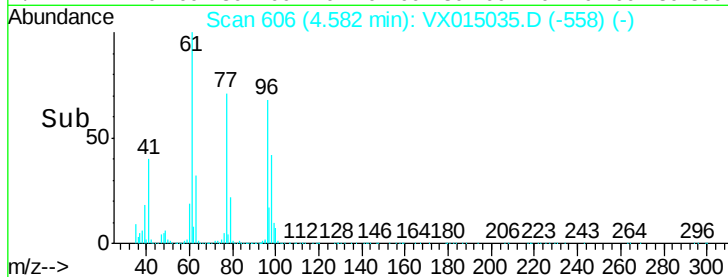
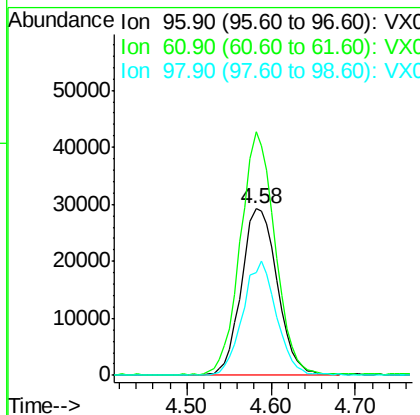
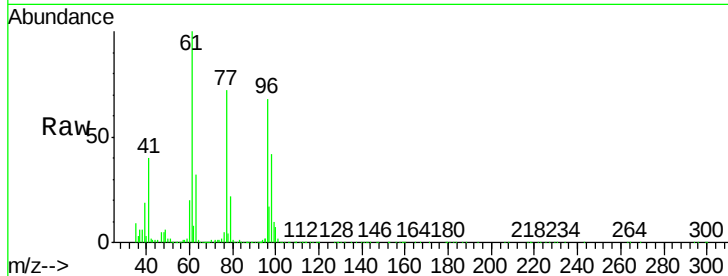
cis-1,2-Dichloroethene
Concen: 18.787 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	286.2
98	63.9	0.0	131.0

Manual Integrations
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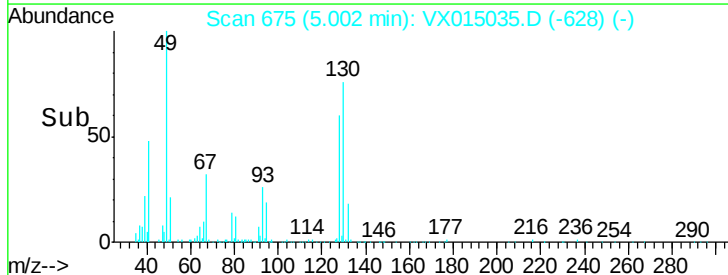
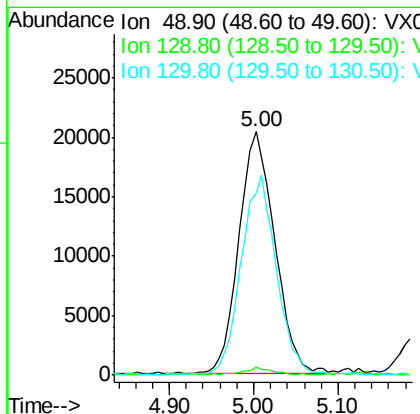
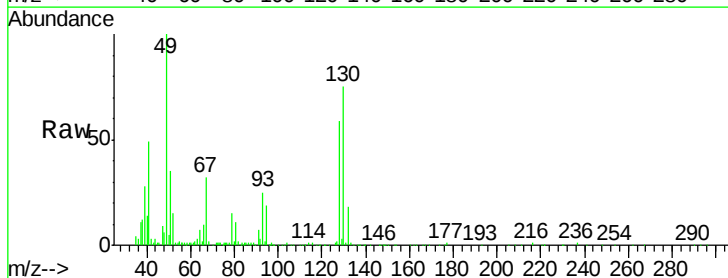
MMDadoda
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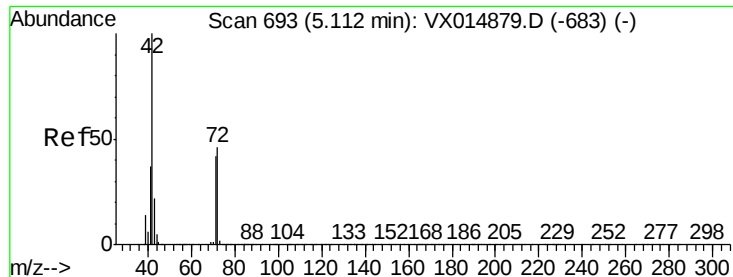


#28

Bromochloromethane
Concen: 21.819 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	81.7	67.4	101.2





#29

Tetrahydrofuran

Concen: 109.571 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

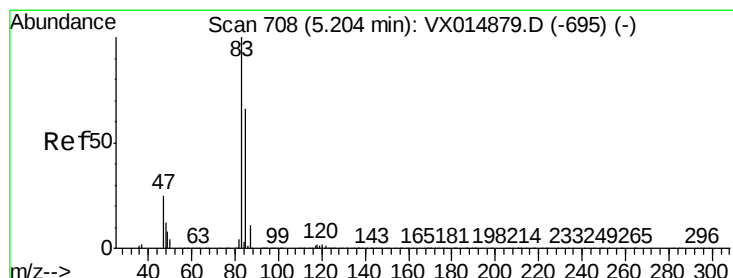
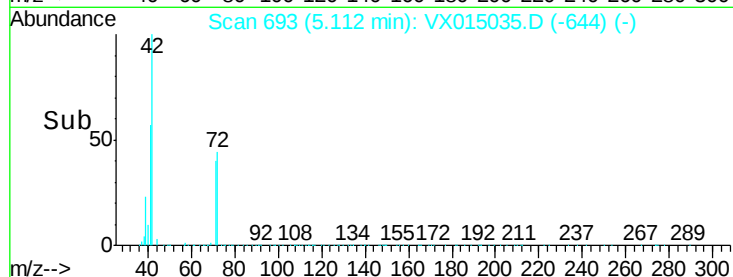
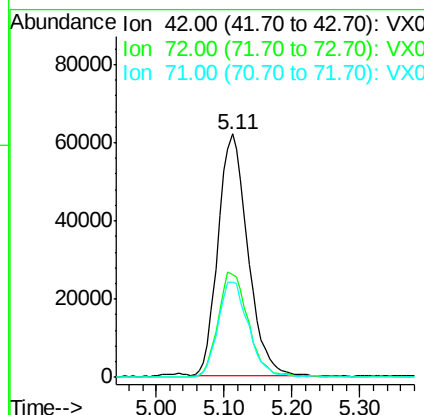
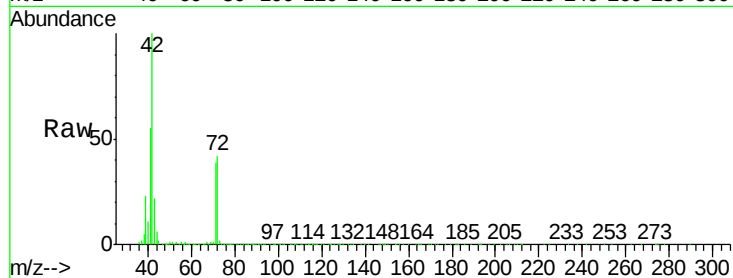
ClientSampleId :

VX0227WBS01

Tot Ion:	42	Resp:	189227
Ion Ratio		Lower	Upper
42	100		
72	43.7	36.9	55.3
71	39.9	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 18.851 ug/l

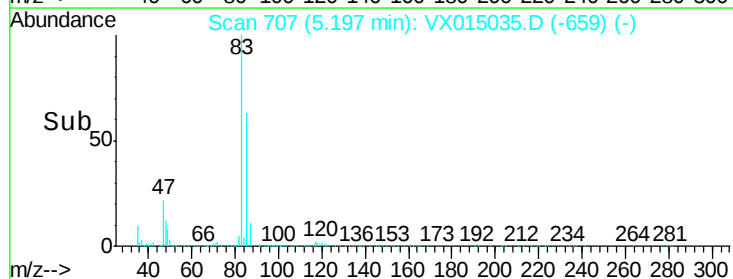
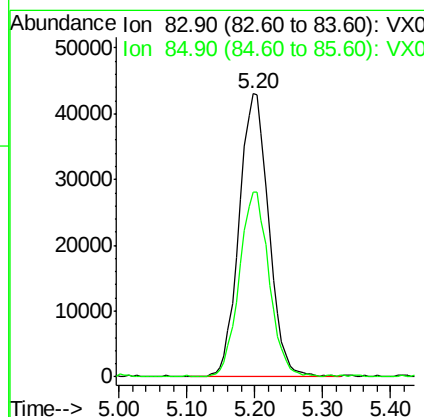
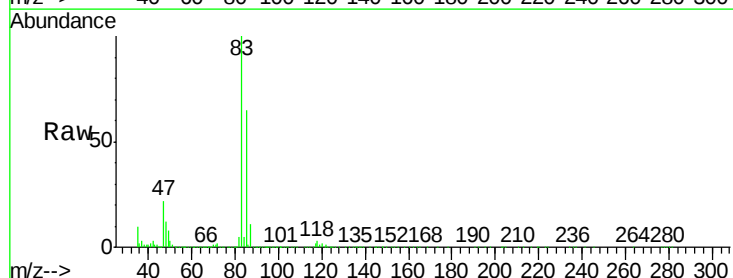
RT: 5.20 min Scan# 707

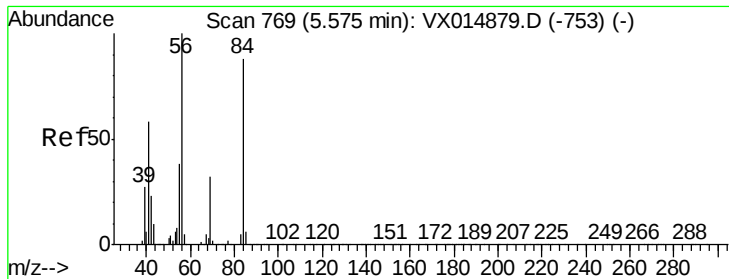
Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	83	Resp:	129542
Ion Ratio		Lower	Upper
83	100		
85	65.1	52.9	79.3





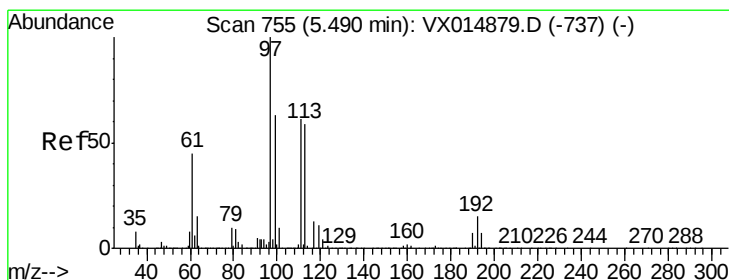
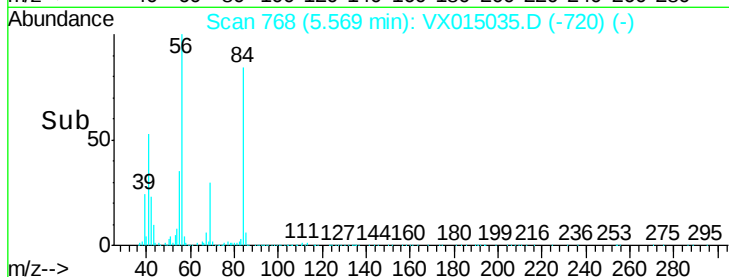
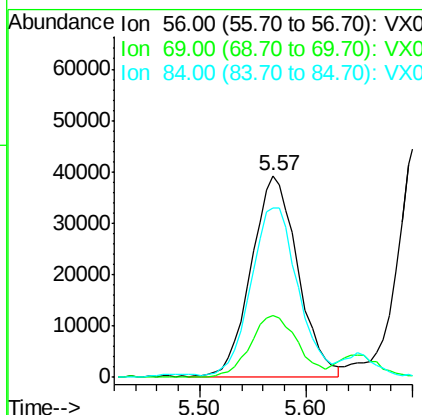
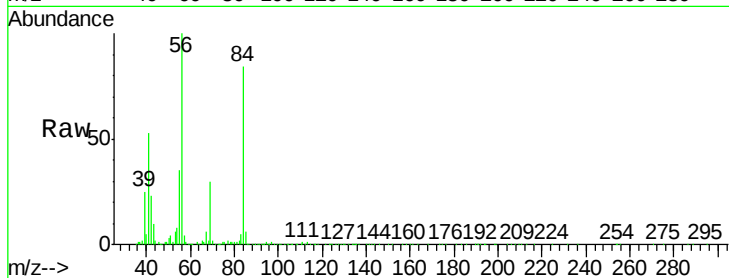
#31
Cyclohexane
Concen: 18.867 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.3	25.9	38.9	
84	82.8	70.4	105.6	

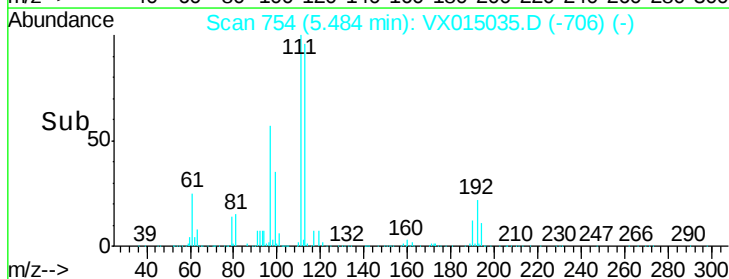
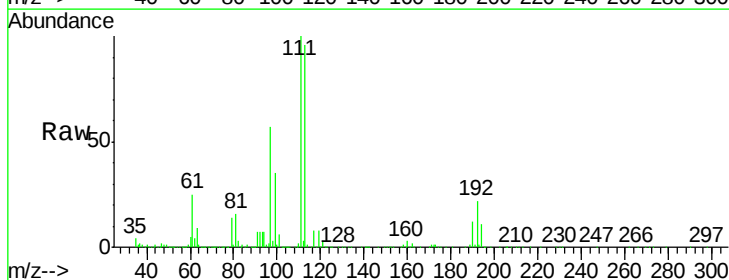
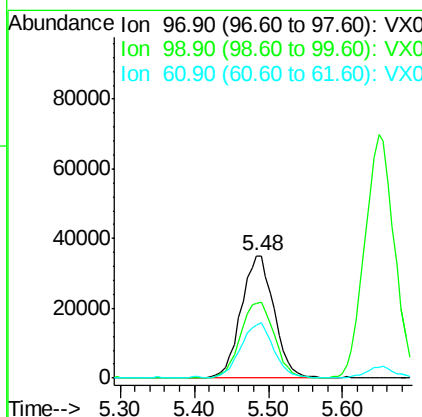
Manual Integrations
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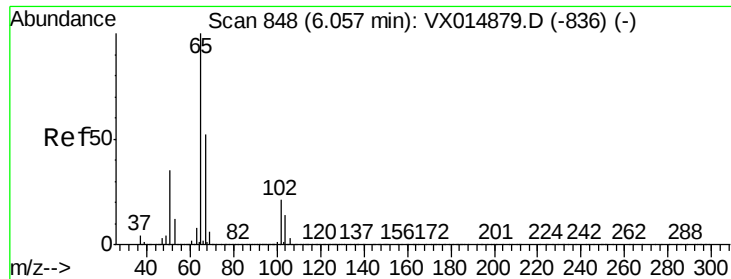
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#32
1,1,1-Trichloroethane
Concen: 17.998 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.5	51.0	76.6	
61	44.0	36.3	54.5	





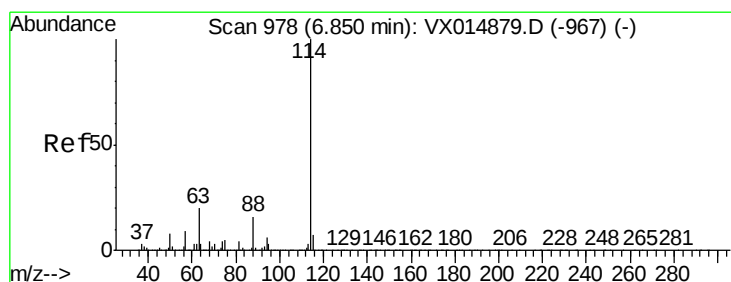
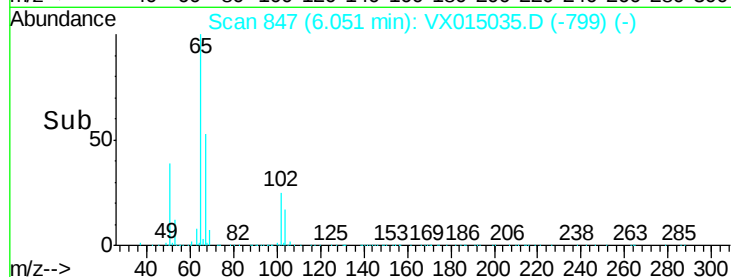
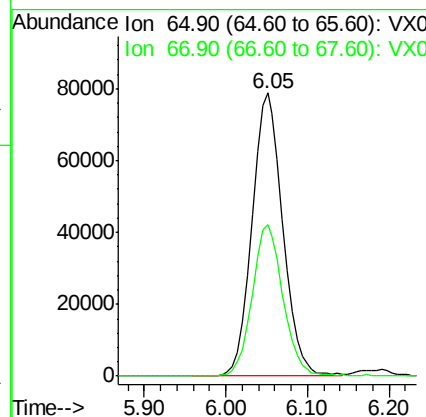
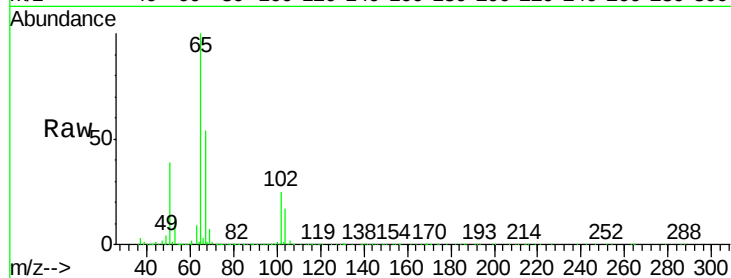
#33
 1,2-Dichloroethane-d4
 Concen: 46.274 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206489		
67	52.9	0.0	103.0	

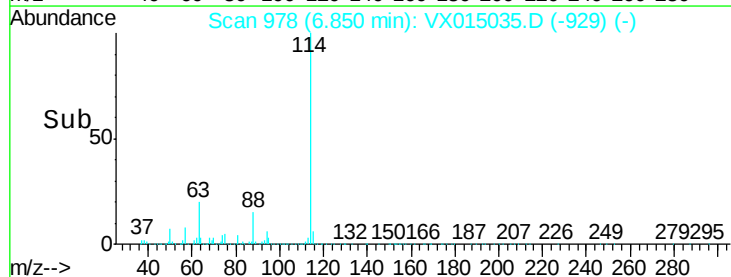
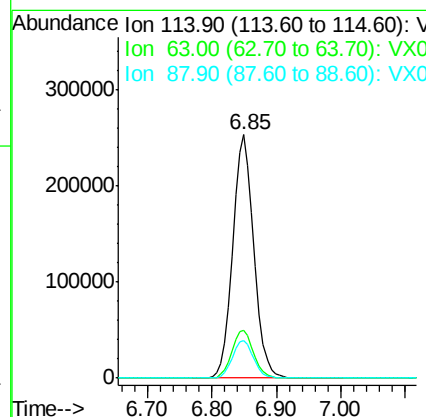
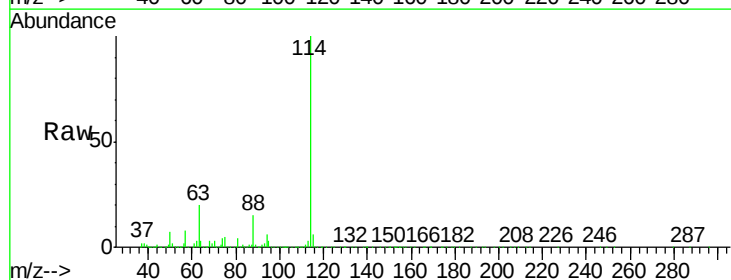
Manual Integrations
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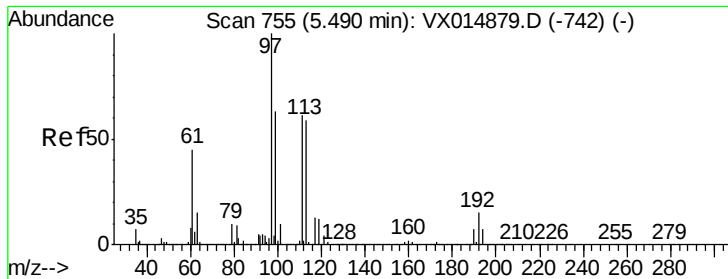
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	580600		
63	19.5	0.0	39.2	
88	15.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.313 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

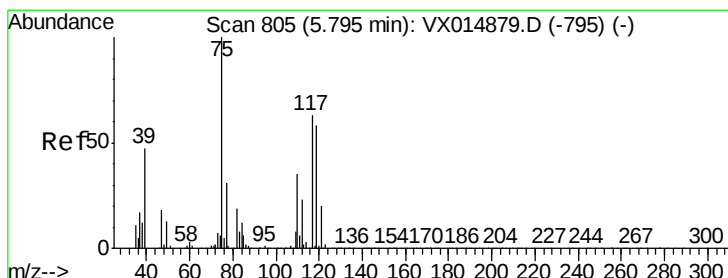
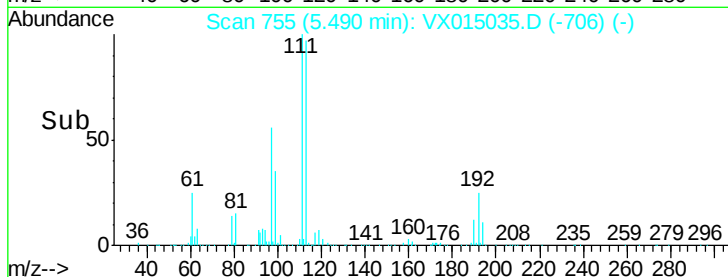
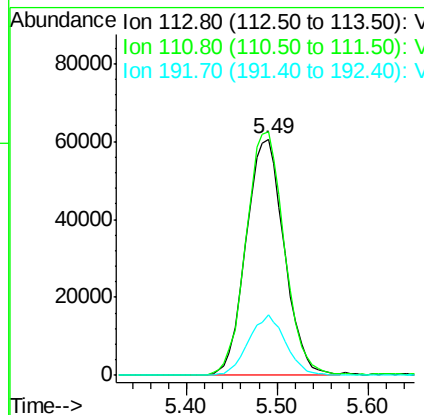
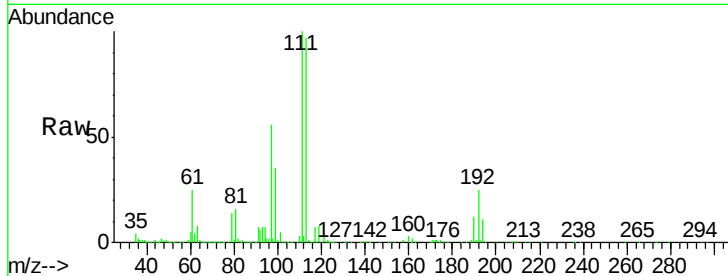
ClientSampleId :

VX0227WBS01

Tot Ion:	113	Resp:	176016
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.4	123.6
192	25.0	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 18.822 ug/l

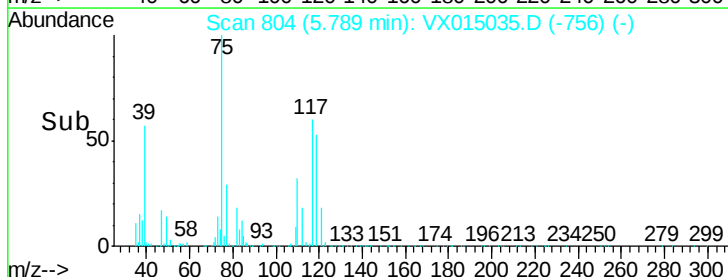
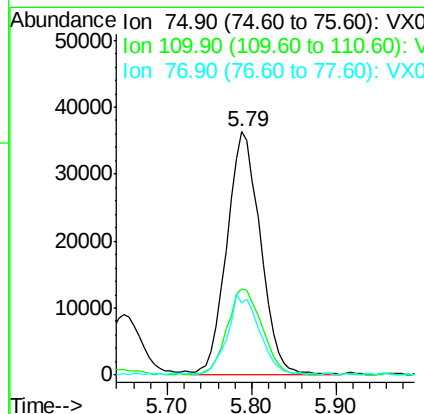
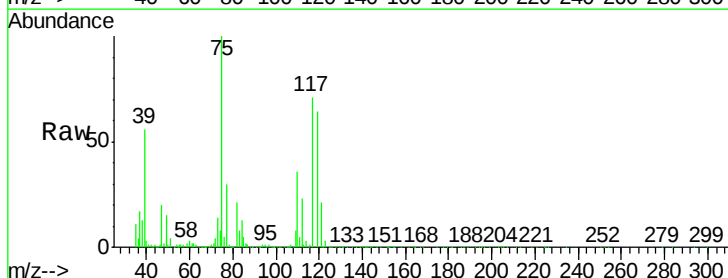
RT: 5.79 min Scan# 804

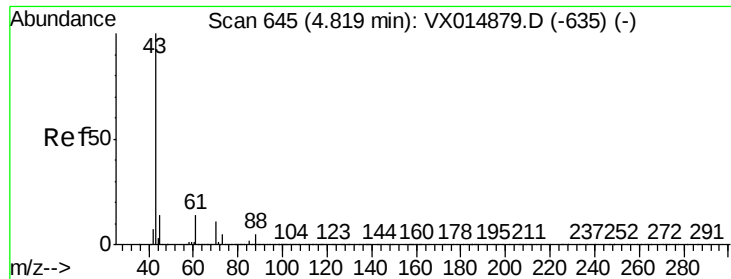
Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	75	Resp:	97756
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	31.0	24.6	36.8





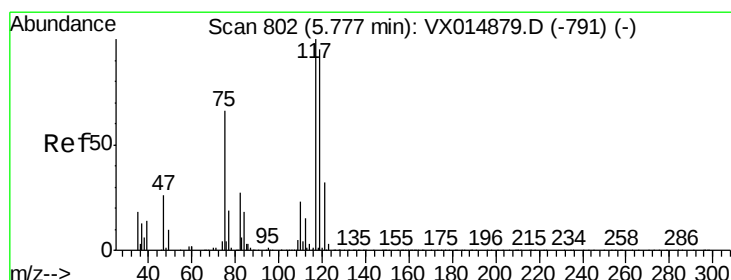
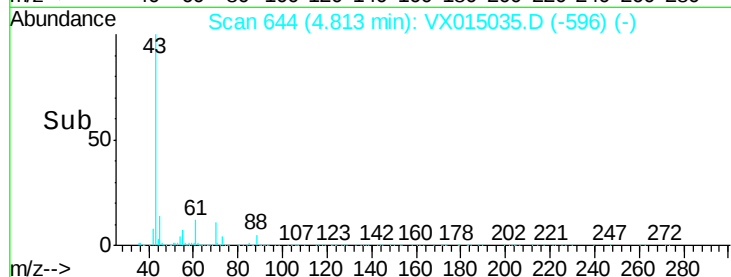
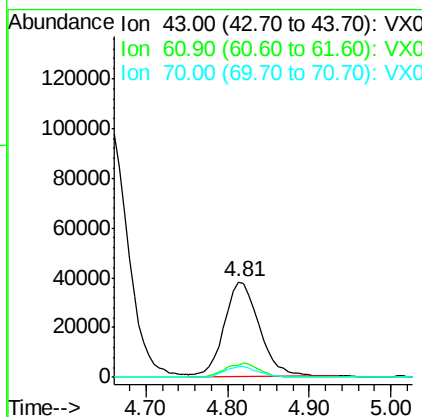
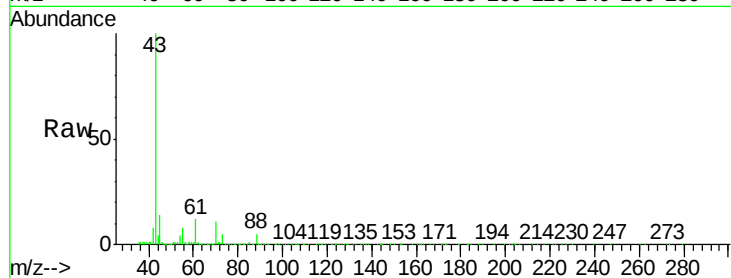
#37
Ethyl Acetate
Concen: 20.917 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	11.2	8.7	13.1

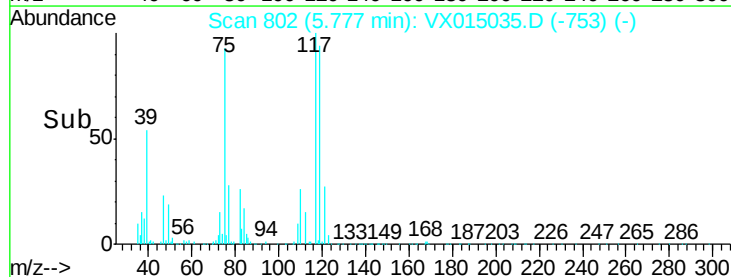
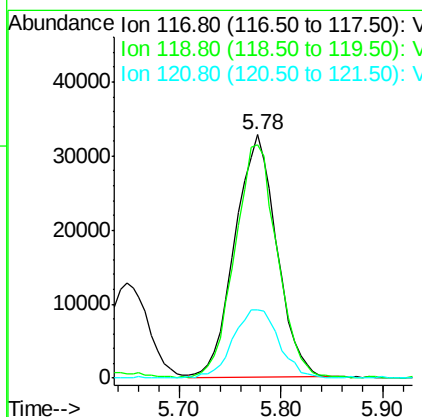
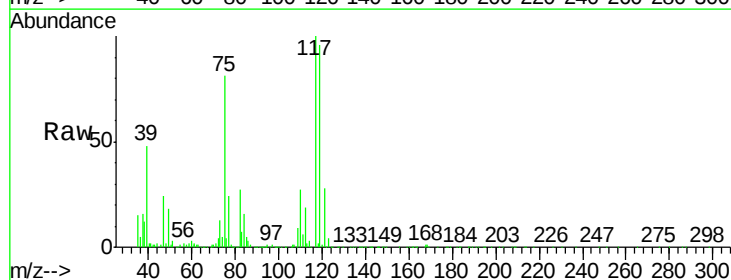
Manual Integrations
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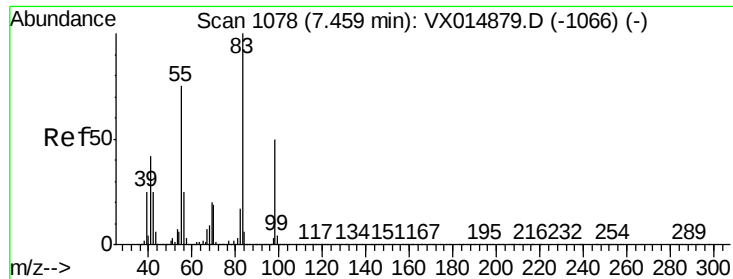
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#38
Carbon Tetrachloride
Concen: 18.373 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.0	114.0
121	27.9	25.4	38.2





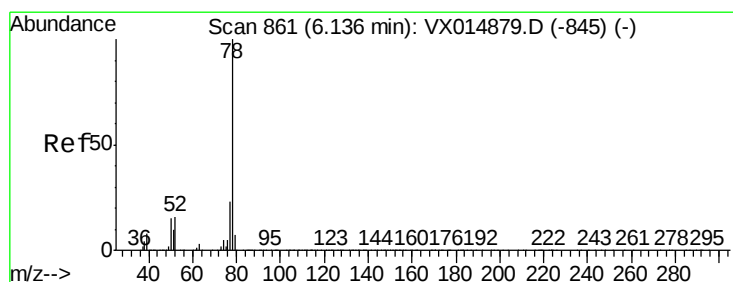
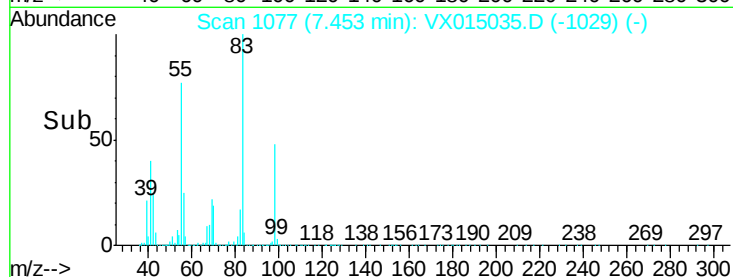
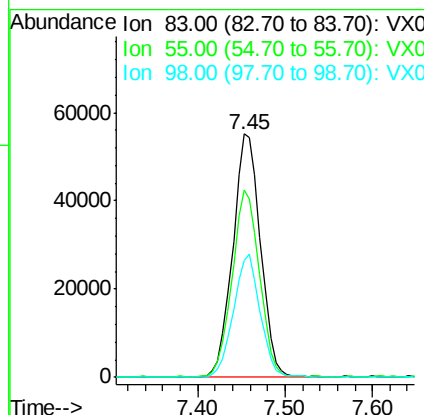
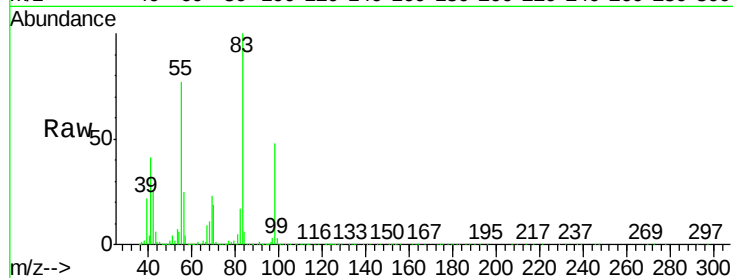
#39
Methvlcvclohexane
Concen: 18.668 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	121253		
55	77.1	60.0	90.0	
98	48.1	39.6	59.4	

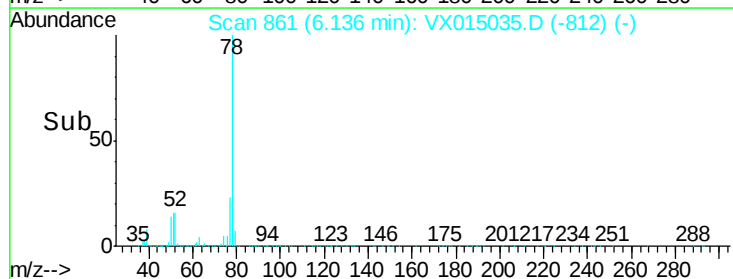
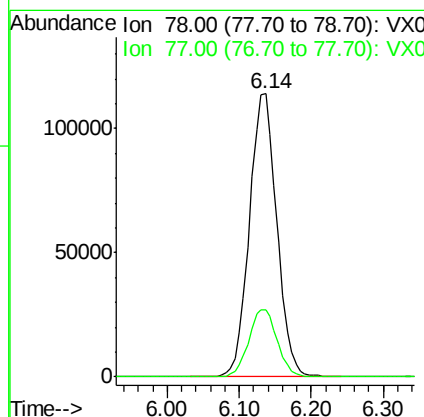
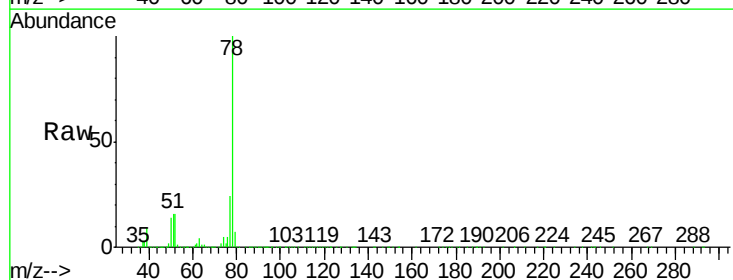
Manual Integrations
APPROVED

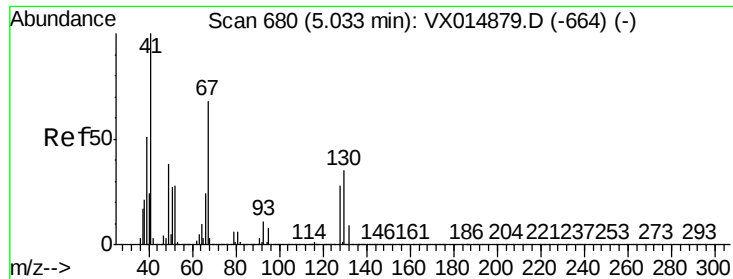
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#40
Benzene
Concen: 19.450 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	301818		
77	23.8	18.8	28.2	





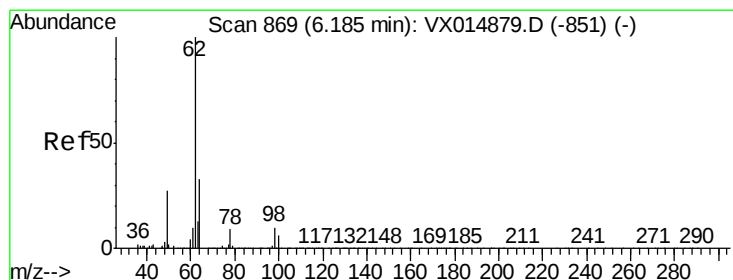
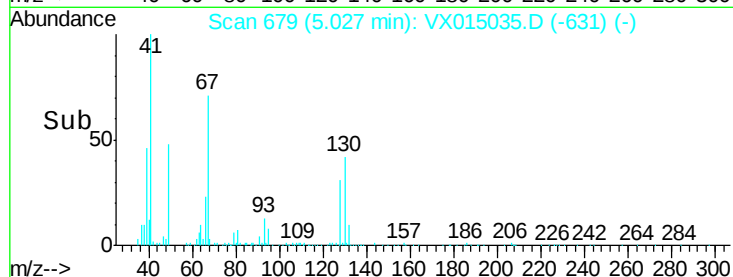
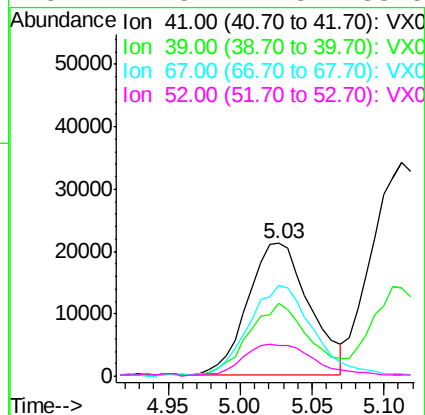
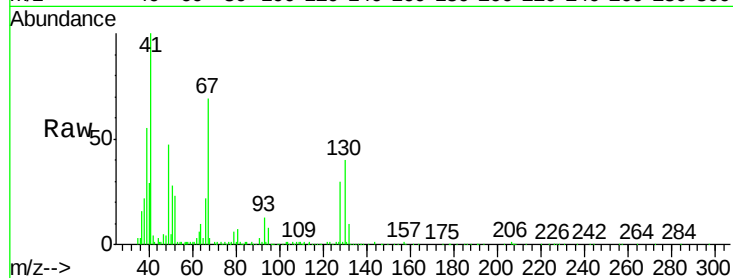
#41
Methacrylonitrile
Concen: 21.573 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		62955		
39	53.3	44.7	67.1		
67	73.1	56.6	84.8		
52	27.5	22.3	33.5		

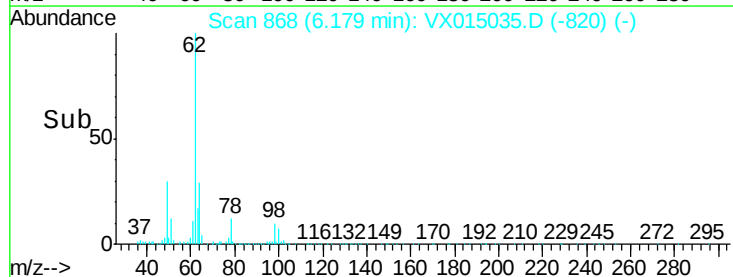
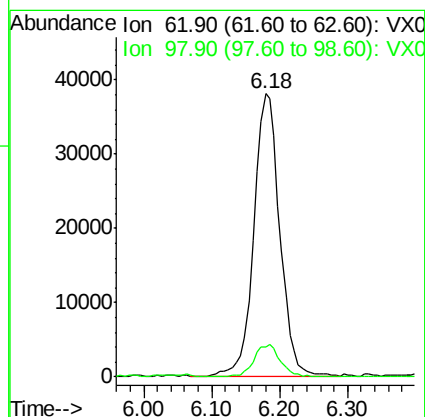
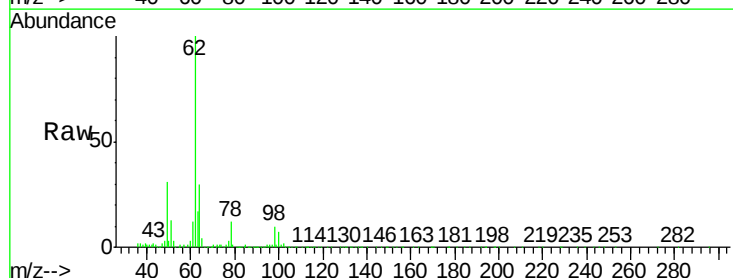
Manual Integrations
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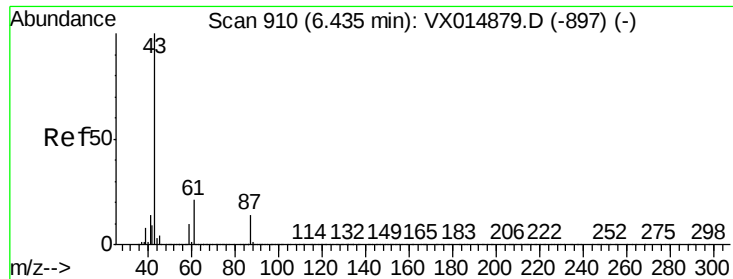
MMDadoda
2/28/2020 11:37:15 AM



#42
1,2-Dichloroethane
Concen: 18.286 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		102556		
98	11.6	0.0	19.2		





#43

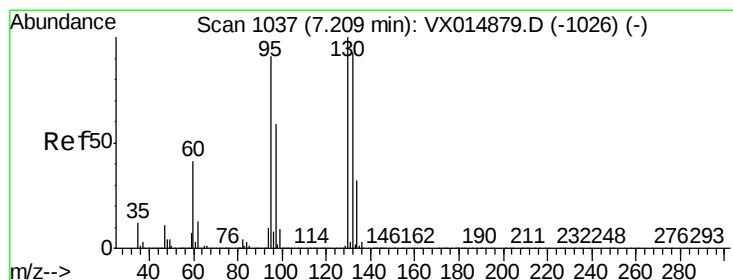
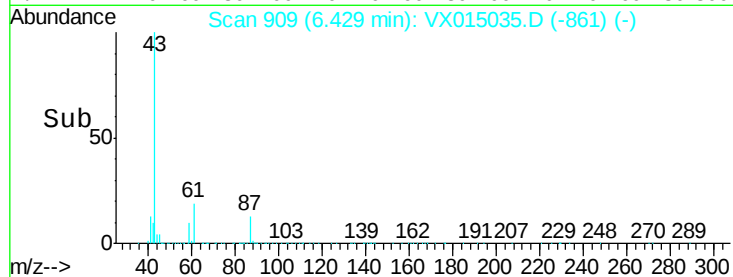
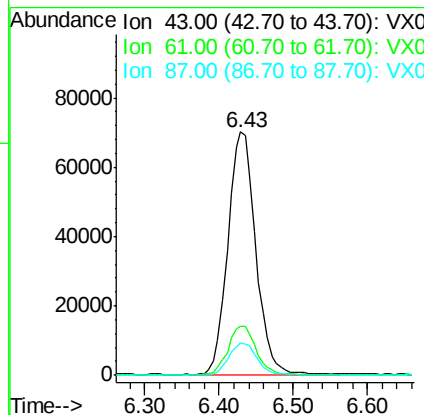
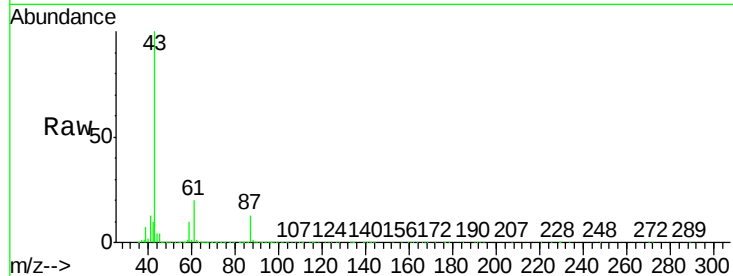
Isopropyl Acetate
 Concen: 20.408 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.4
87	14.0	11.0	16.6

Manual Integrations
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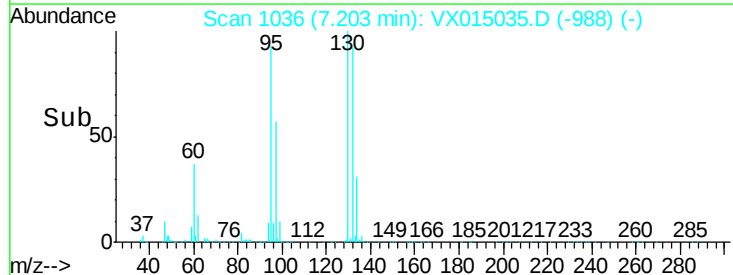
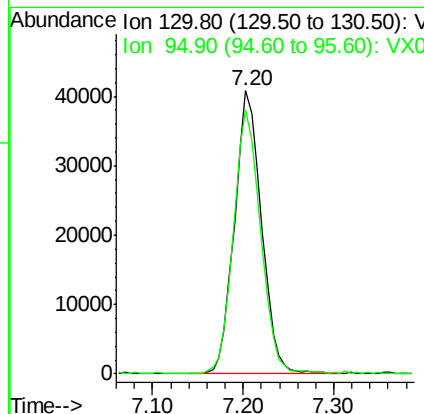
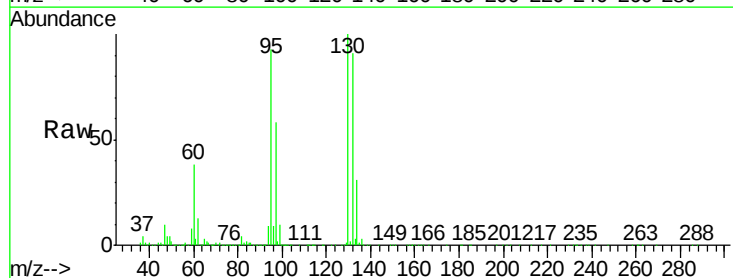
MMDadoda
 2/28/2020 11:37:15 AM

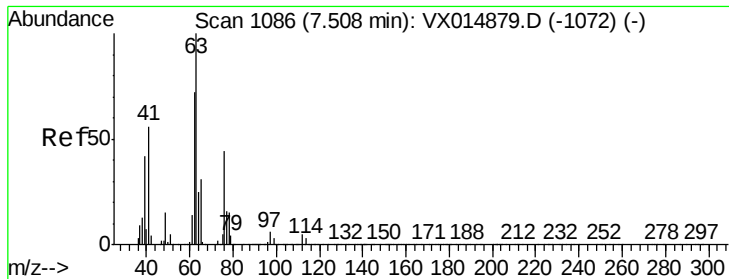


#44

Trichloroethene
 Concen: 18.806 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	182.6





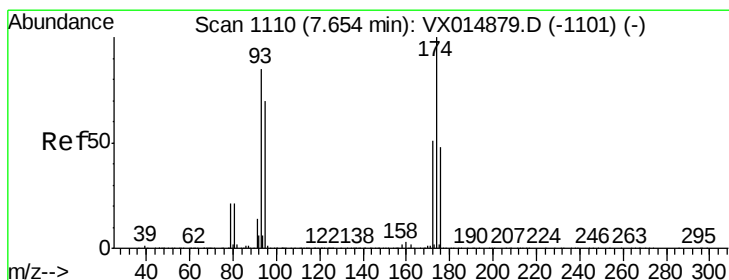
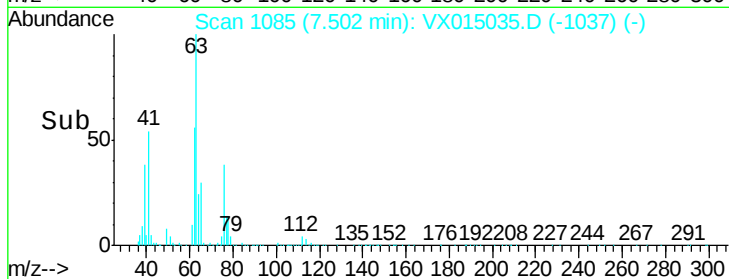
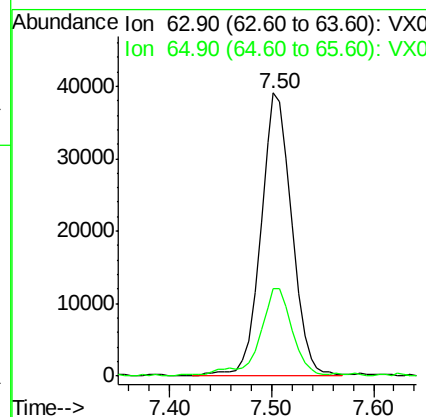
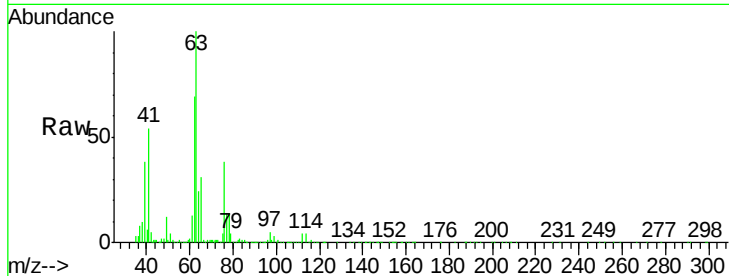
#45
 1,2-Dichloropropane
 Concen: 20.570 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.9	37.3

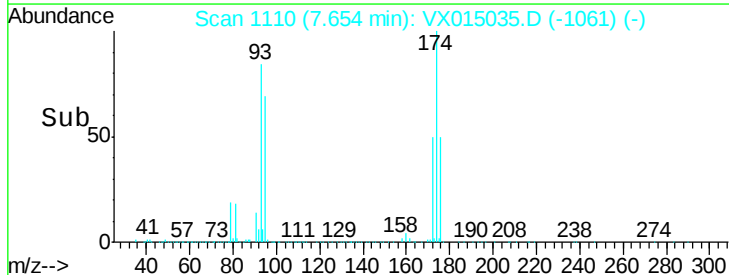
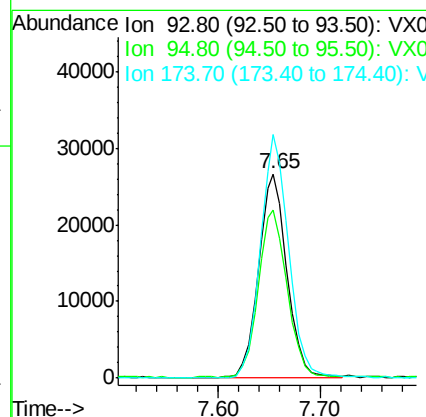
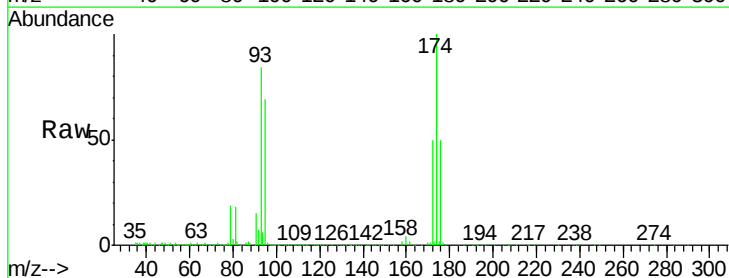
Manual Integrations
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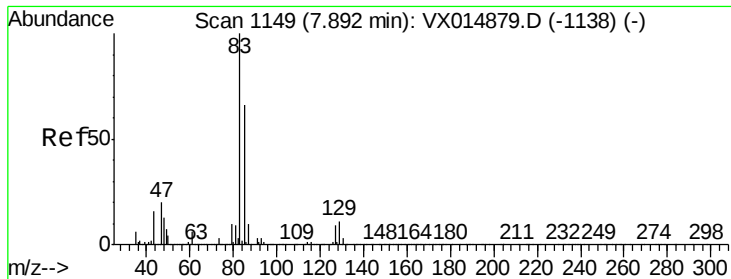
MMDadoda
 2/28/2020 11:37:15 AM



#46
 Dibromomethane
 Concen: 19.215 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.8	98.8
174	118.2	95.4	143.2





#47

Bromodichloromethane

Concen: 18.979 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

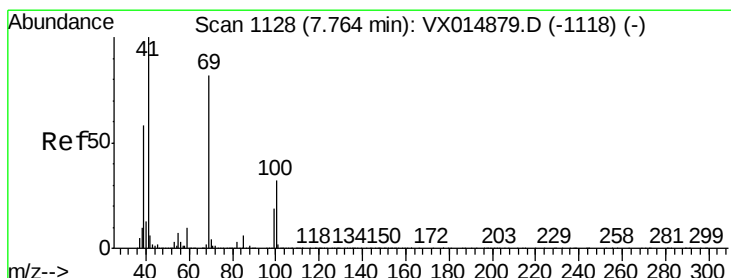
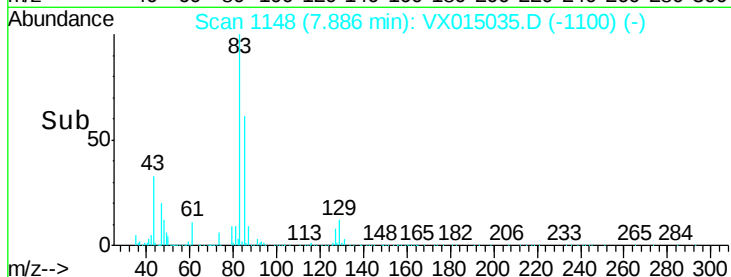
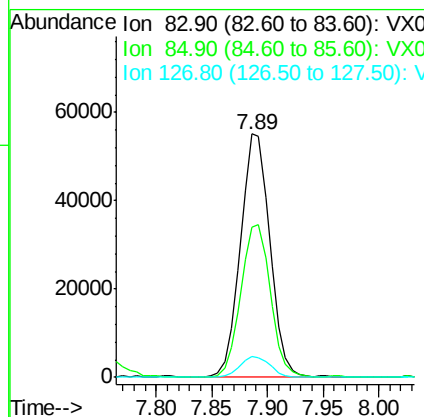
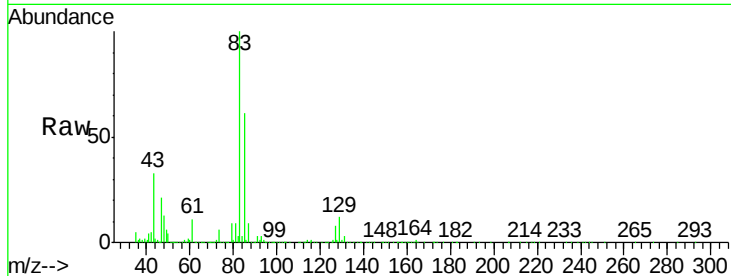
ClientSampleId :

VX0227WBS01

Tot Ion:	83	Resp:	101797
Ion Ratio	Lower	Upper	
83	100		
85	61.3	52.5	78.7
127	8.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.451 ug/l

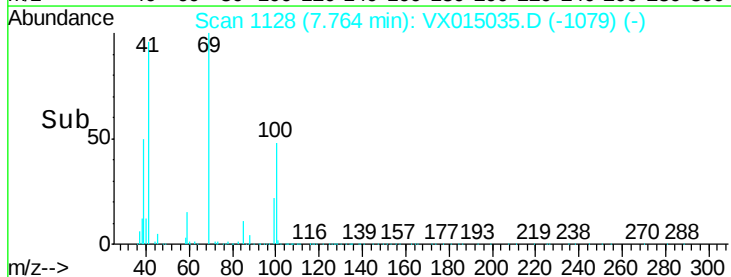
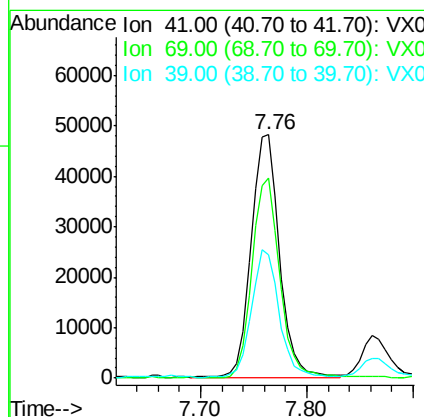
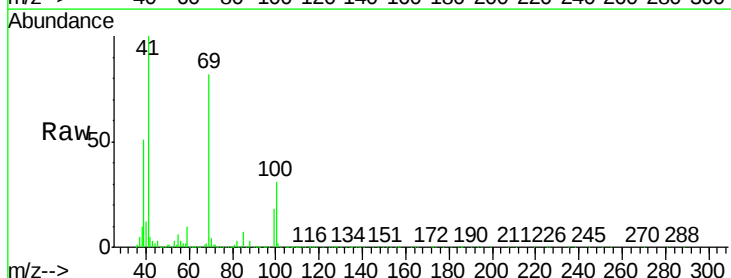
RT: 7.76 min Scan# 1128

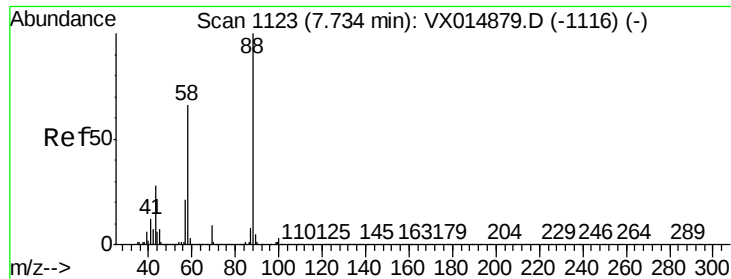
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	41	Resp:	89934
Ion Ratio	Lower	Upper	
41	100		
69	81.1	65.7	98.5
39	51.0	45.8	68.8





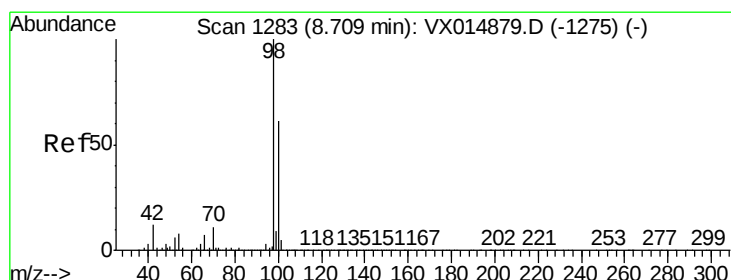
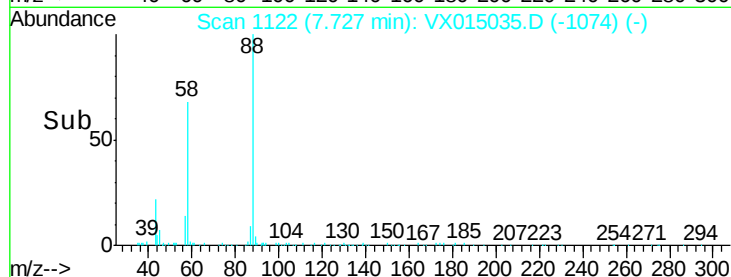
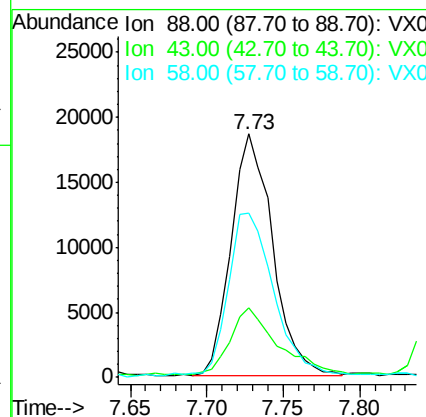
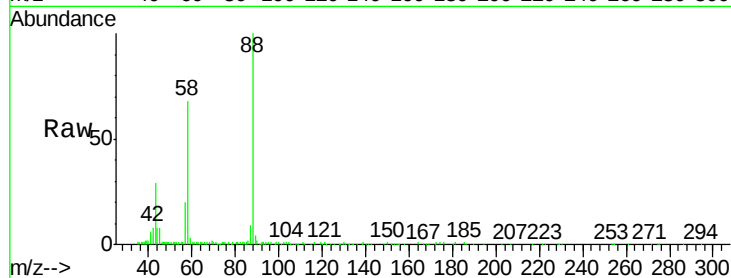
#49
1,4-Dioxane
Concen: 429.338 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.0	40.4
58	76.7	53.2	79.8

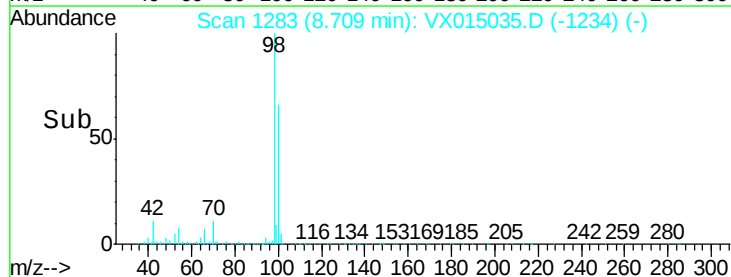
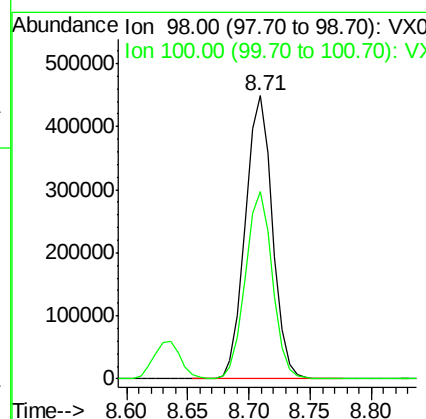
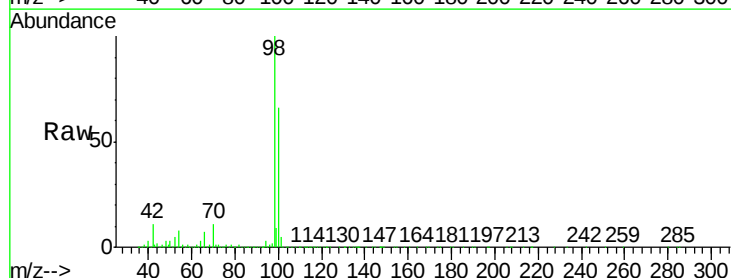
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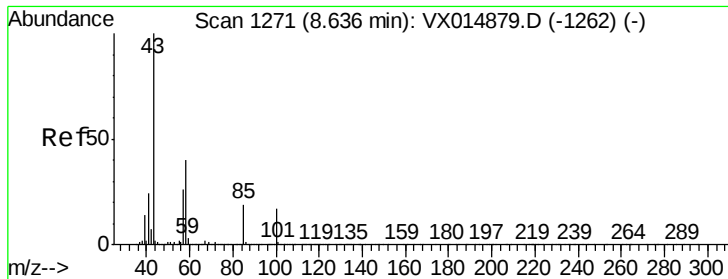
MMDadoda
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#50
Toluene-d8
Concen: 50.637 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





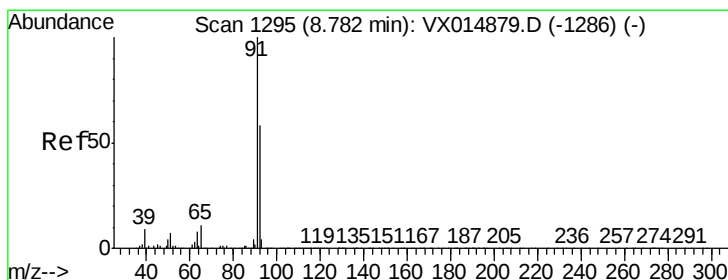
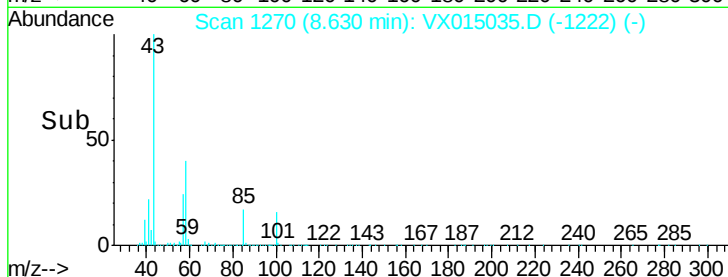
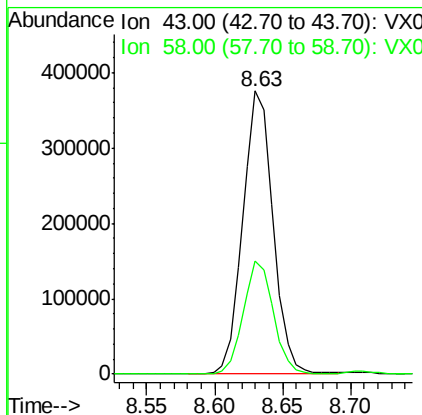
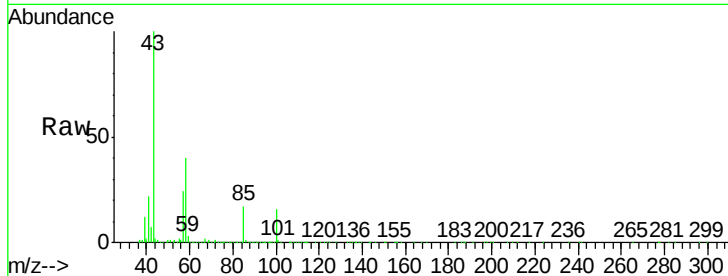
#51
4-Methyl-2-Pentanone
Concen: 108.172 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.9	47.9

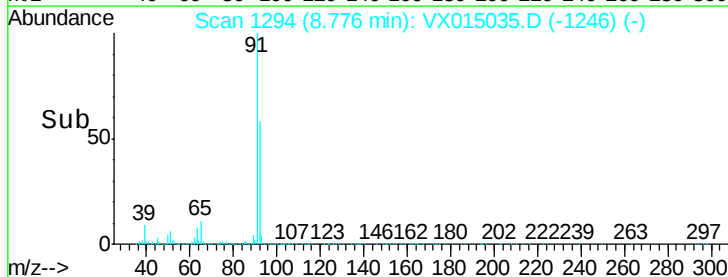
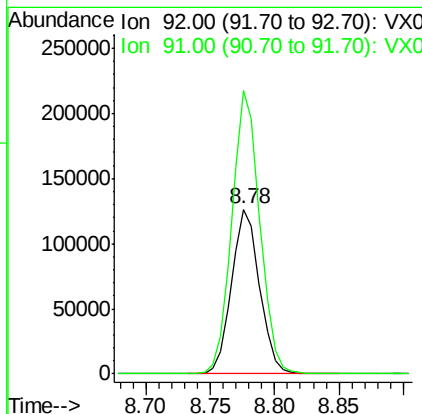
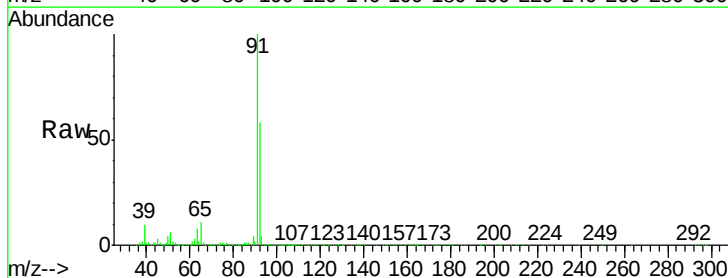
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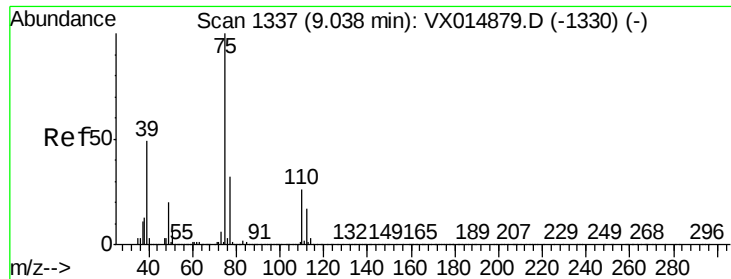
MMDadoda
2/28/2020 11:37:15 AM



#52
Toluene
Concen: 19.525 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.0	205.4





#53

t-1,3-Dichloropropene

Concen: 18.557 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 75 Resp: 109084

Ion Ratio Lower Upper

75 100

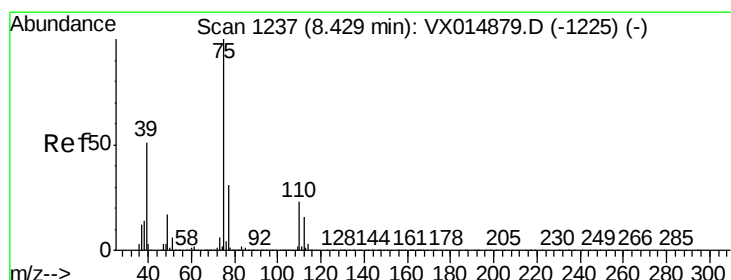
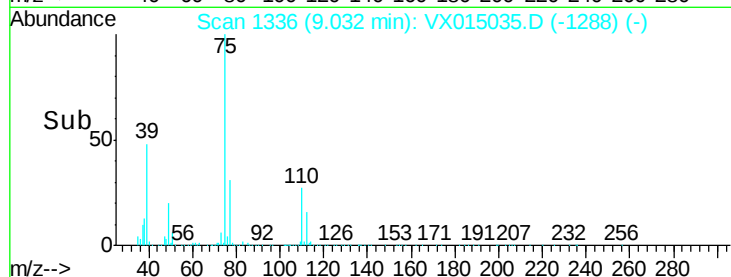
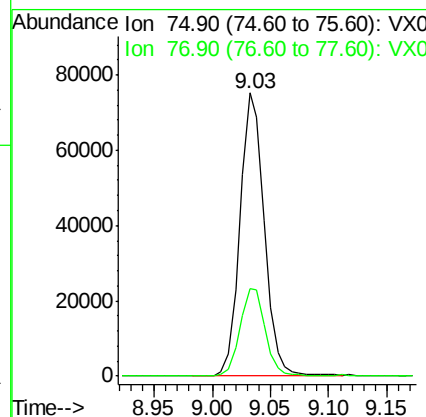
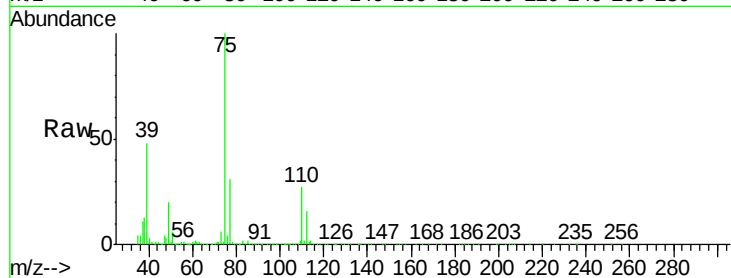
77 30.9 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 19.294 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

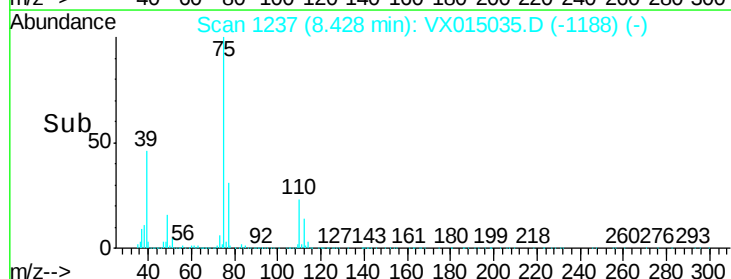
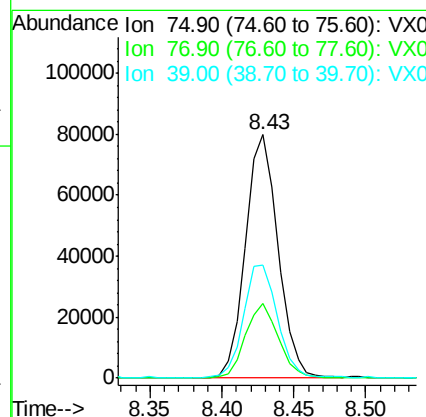
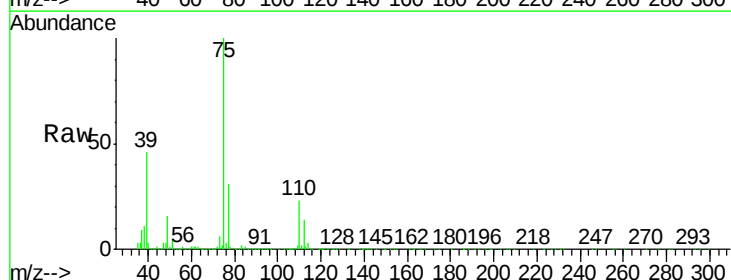
Tgt Ion: 75 Resp: 125291

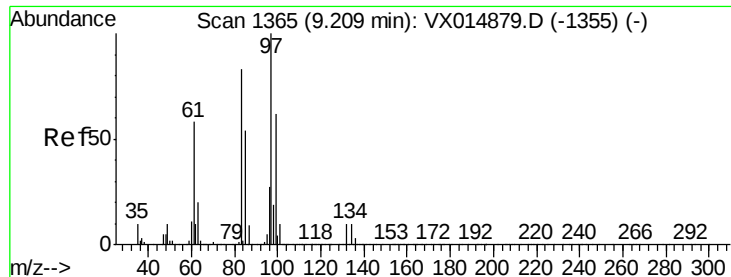
Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 45.9 40.9 61.3





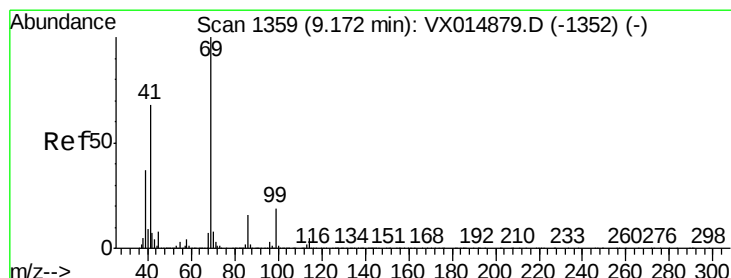
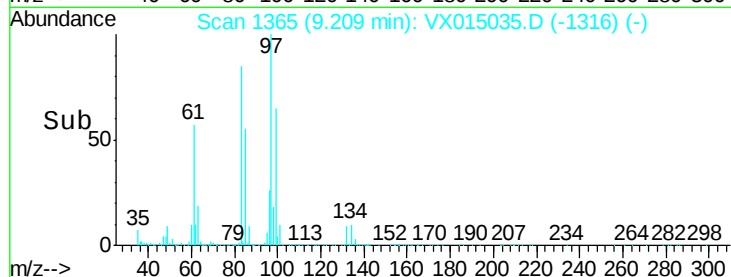
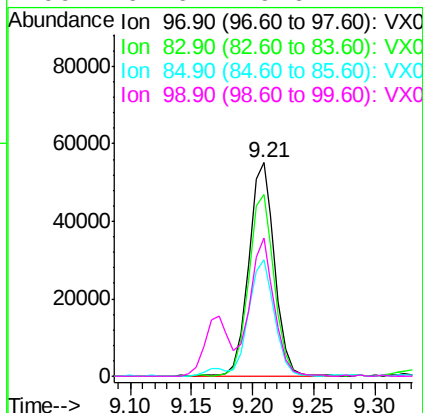
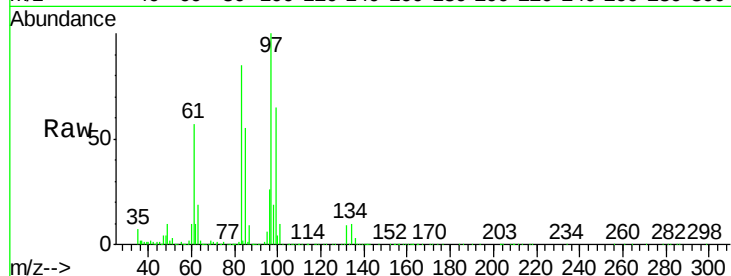
#55
 1,1,2-Trichloroethane
 Concen: 20.363 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		81200		
83	84.8	66.6	99.8		
85	54.5	43.5	65.3		
99	64.6	49.6	74.4		

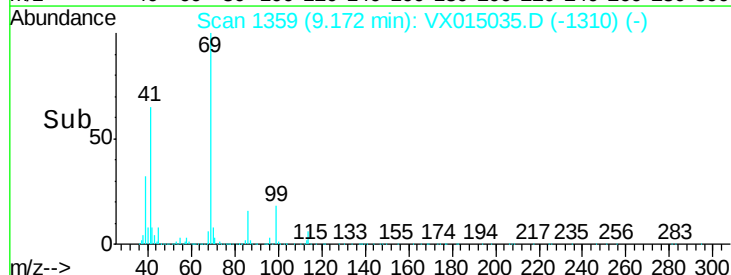
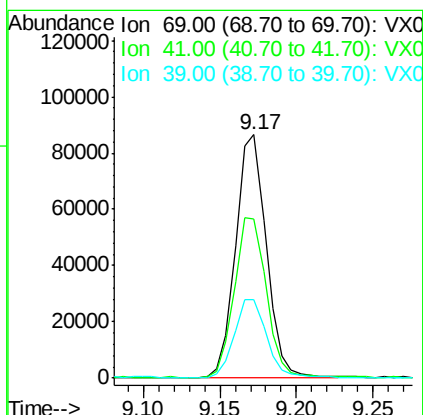
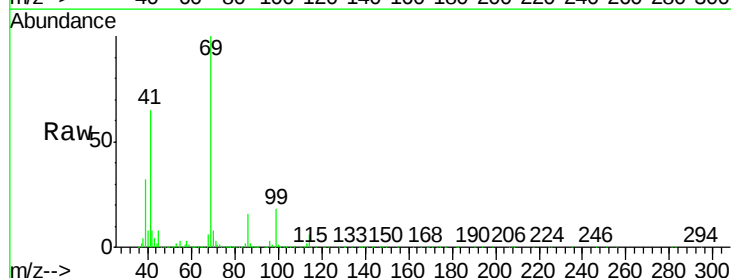
Manual Integrations
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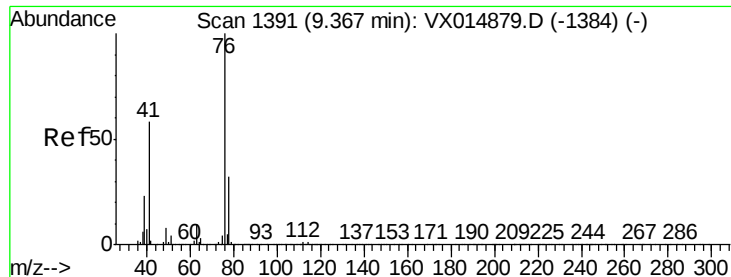
MMDadoda
 2/28/2020 11:37:15 AM



#56
 Ethyl methacrylate
 Concen: 20.035 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		120081		
41	68.7	54.8	82.2		
39	33.5	29.9	44.9		





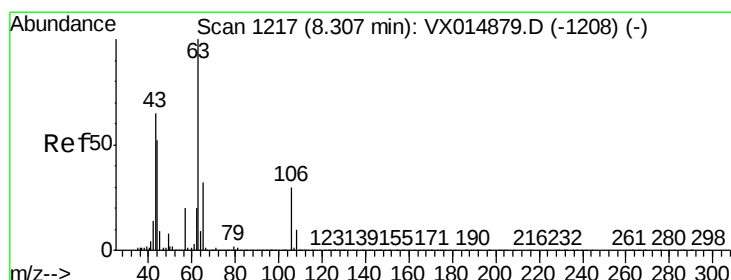
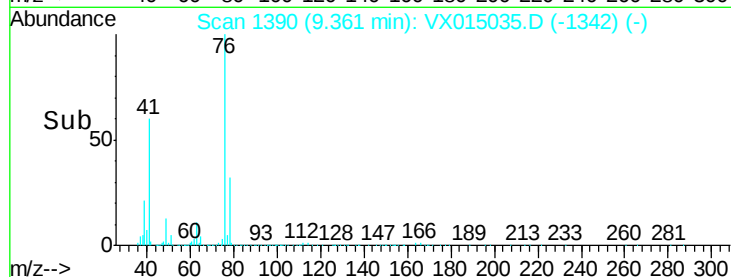
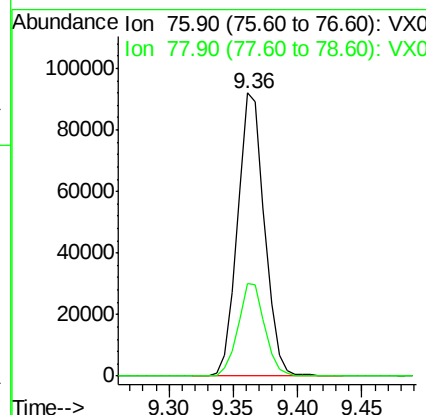
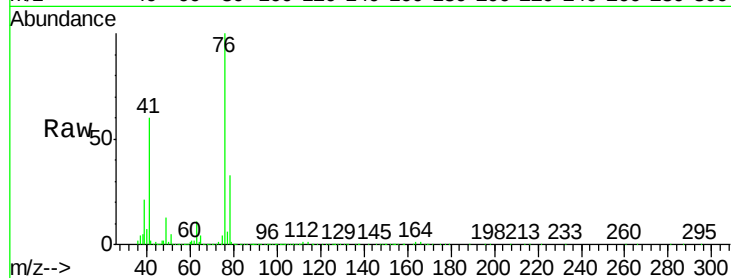
#57
 1,3-Dichloropropane
 Concen: 19.957 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion: 76 Resp: 133955
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

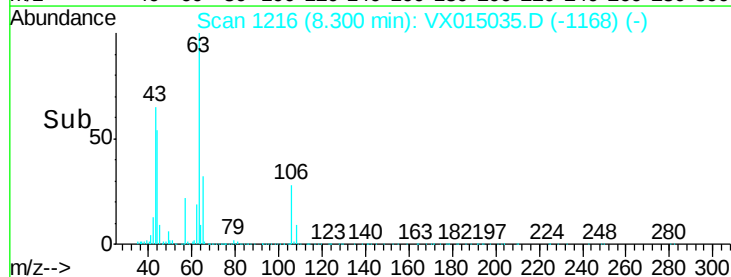
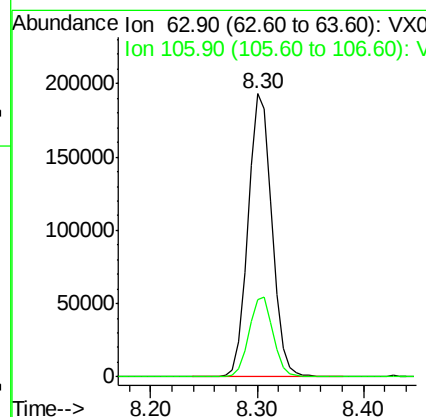
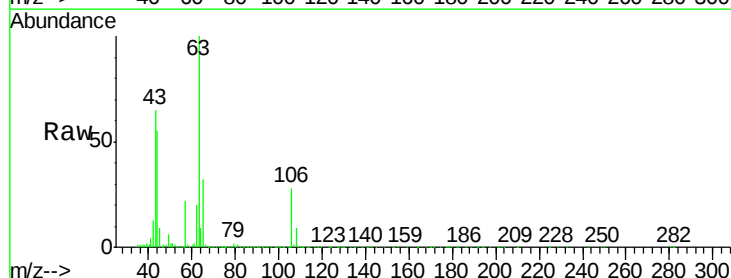
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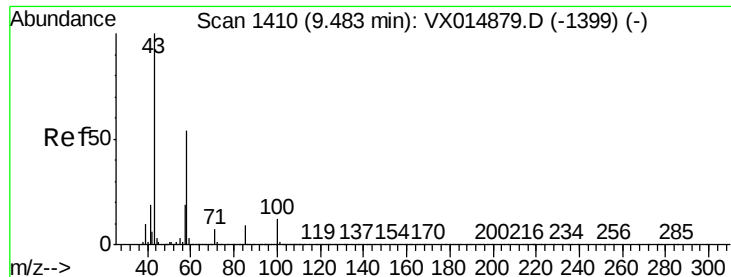
MMDadoda
 2/28/2020 11:37:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.671 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion: 63 Resp: 303017
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.8 35.8





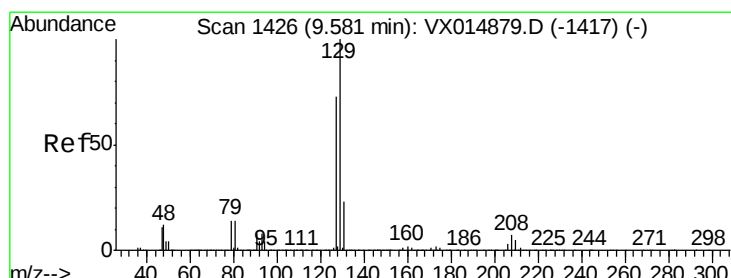
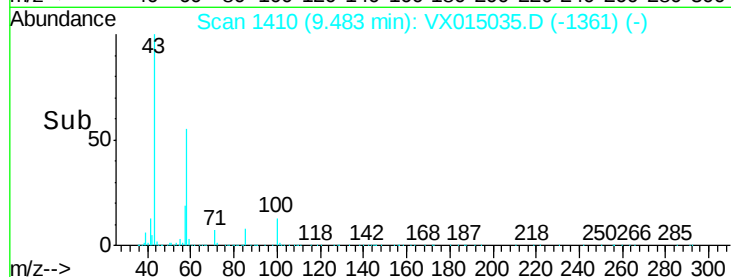
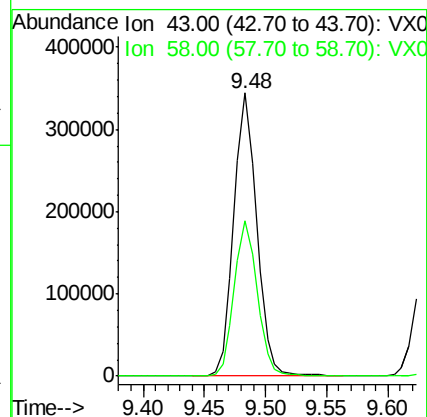
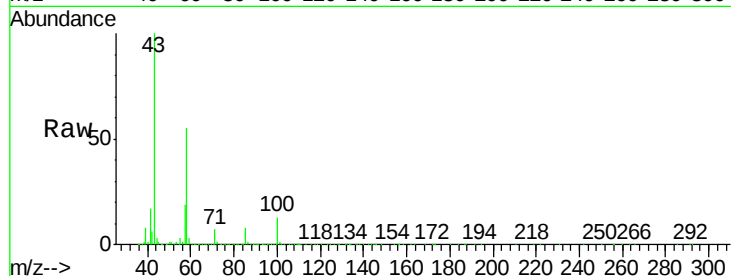
#59
2-Hexanone
Concen: 105.546 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion: 43 Resp: 447629
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5

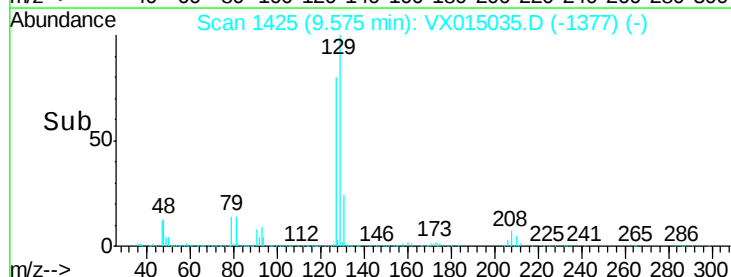
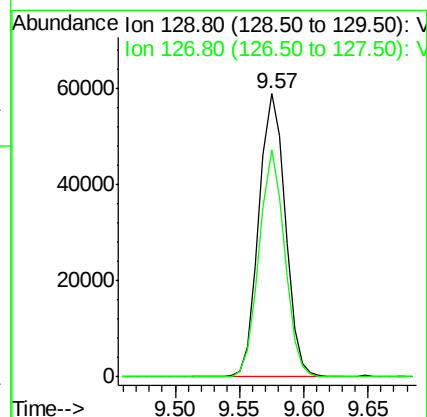
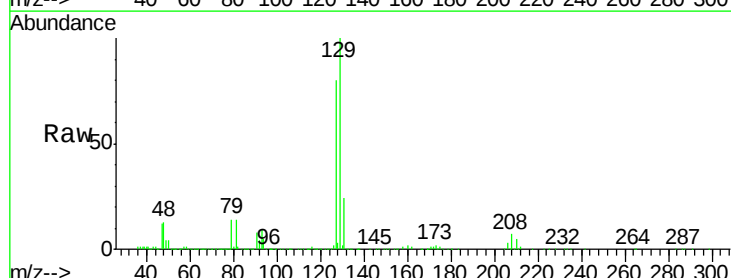
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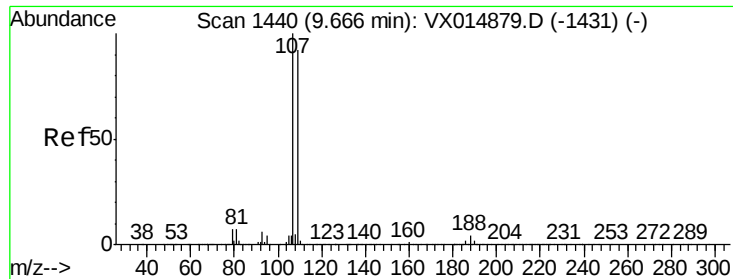
MMDadoda
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#60
Dibromochloromethane
Concen: 19.478 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 129 Resp: 83583
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.097 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 107 Resp: 82163

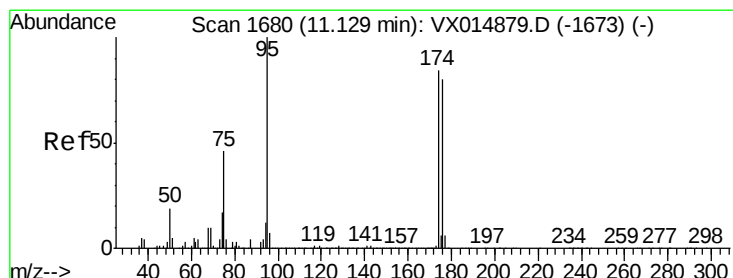
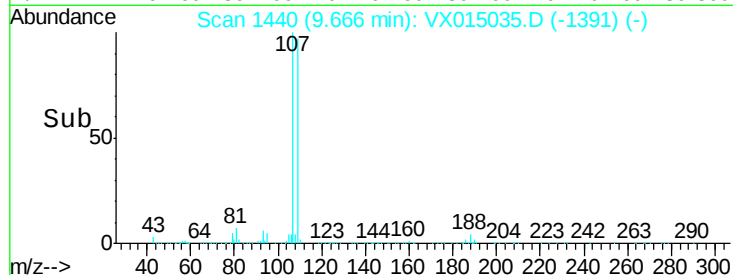
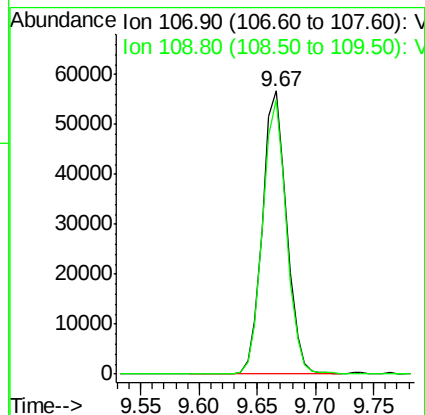
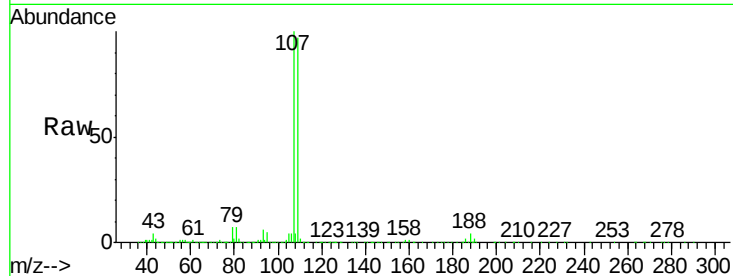
Ion Ratio Lower Upper

107 100

109 95.4 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 57.021 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

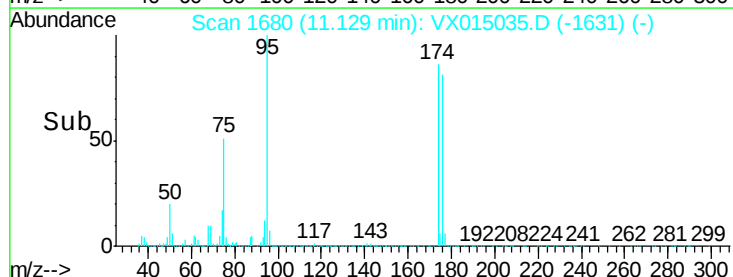
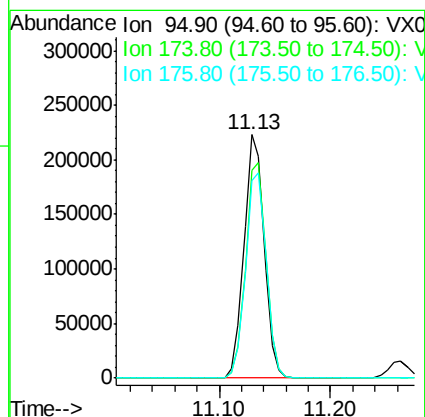
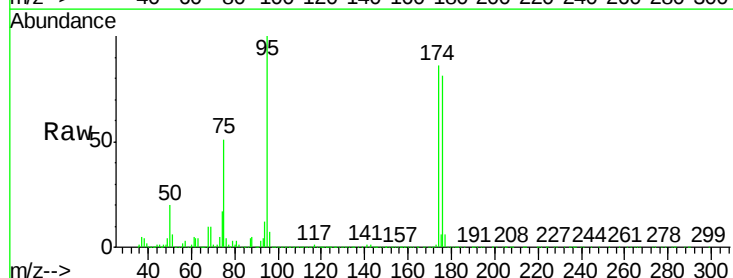
Tgt Ion: 95 Resp: 279859

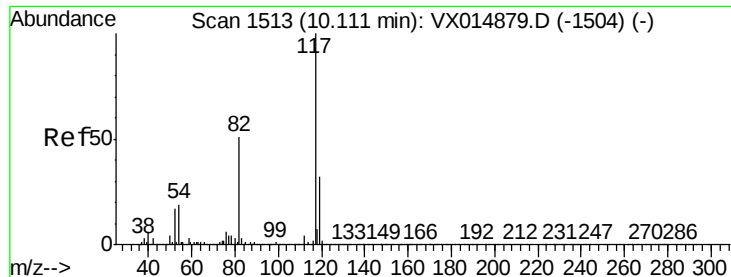
Ion Ratio Lower Upper

95 100

174 89.7 0.0 183.0

176 86.8 0.0 178.0





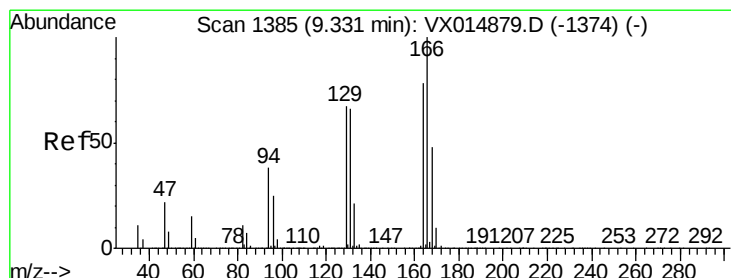
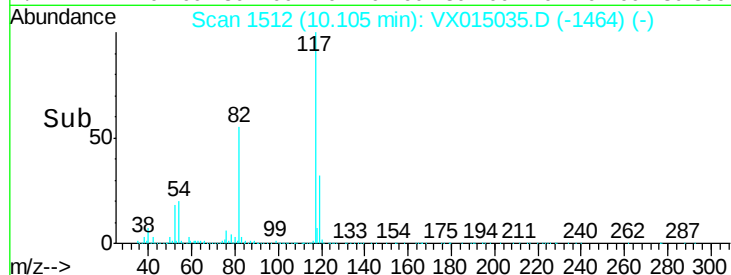
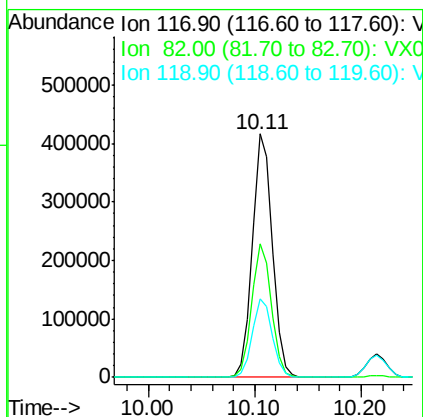
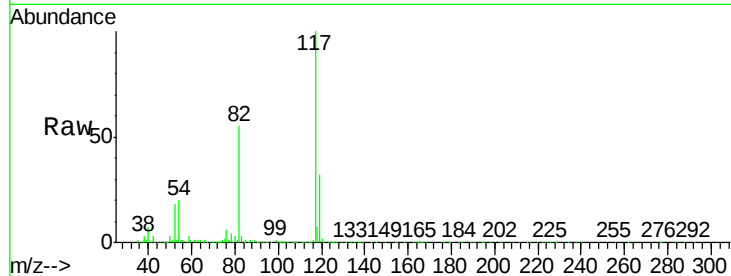
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	40.5	60.7
119	32.0	25.8	38.6

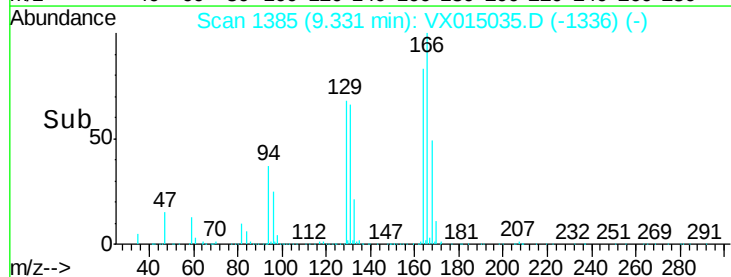
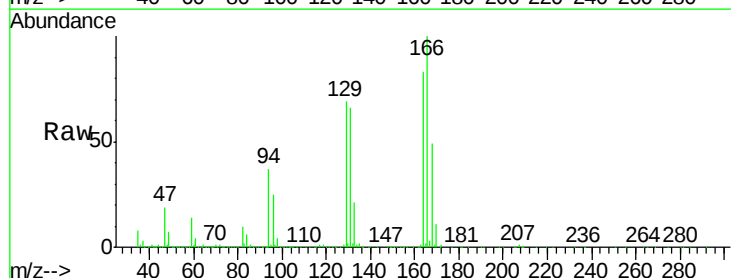
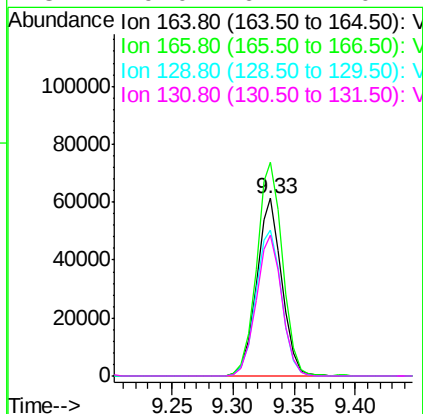
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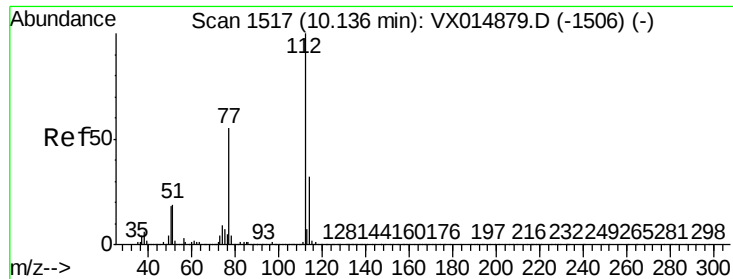
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#64
Tetrachloroethene
Concen: 17.098 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.1	102.6	153.8
129	82.2	68.3	102.5
131	79.0	67.4	101.2





#65

Chlorobenzene

Concen: 19.128 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:112 Resp: 213007

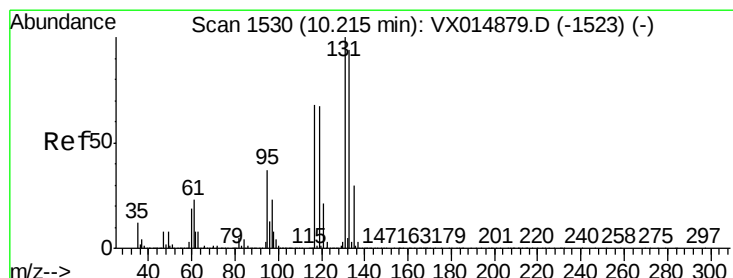
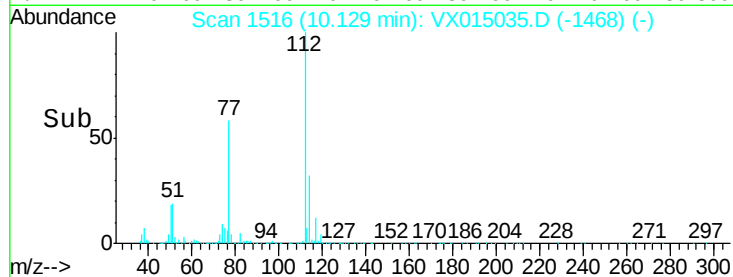
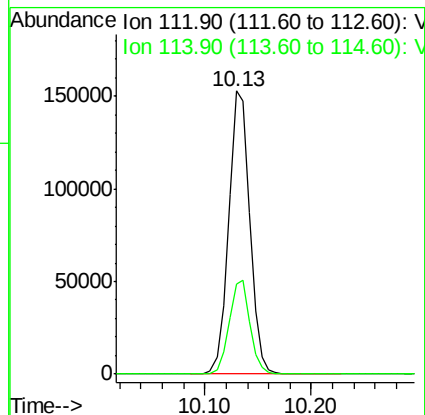
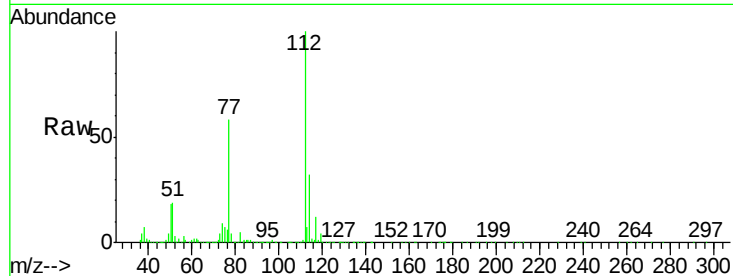
Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.555 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

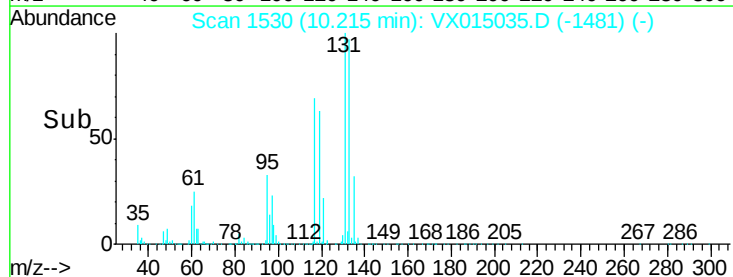
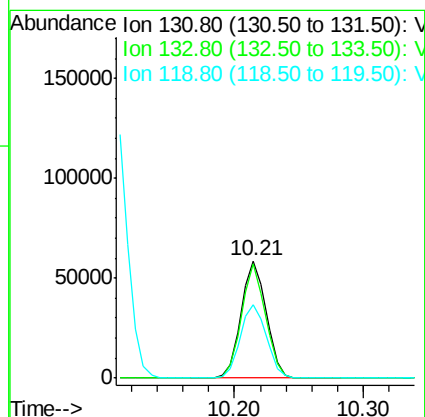
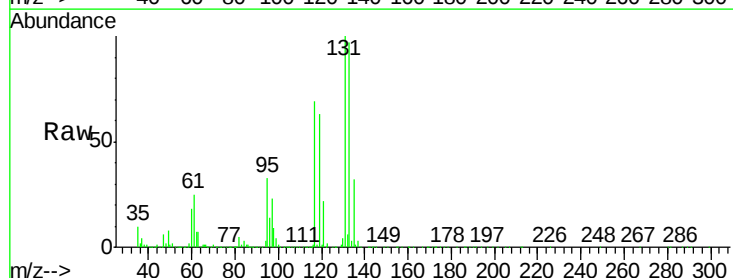
Tgt Ion:131 Resp: 79056

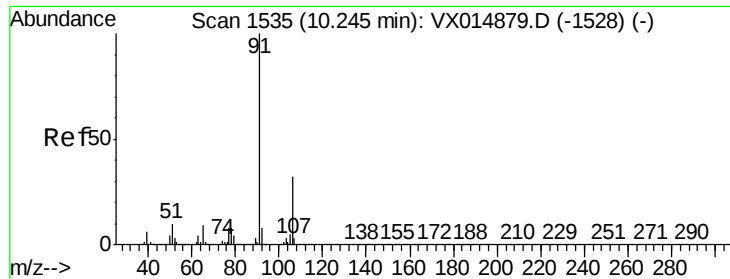
Ion Ratio Lower Upper

131 100

133 94.0 48.1 144.4

119 65.5 33.0 99.0





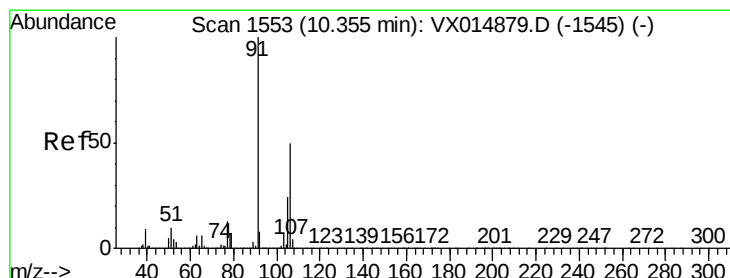
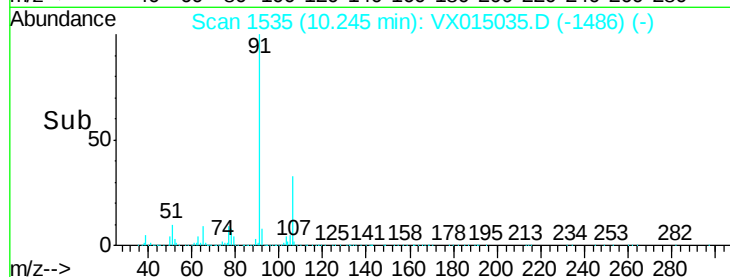
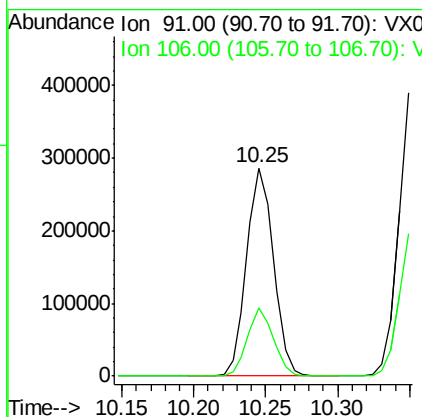
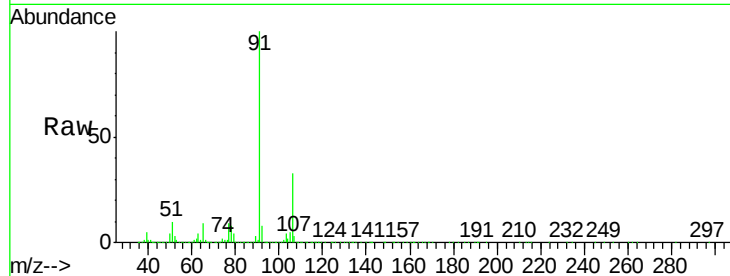
#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion: 91 Resp: 370145
Ion Ratio Lower Upper
91 100
106 32.5 25.3 37.9

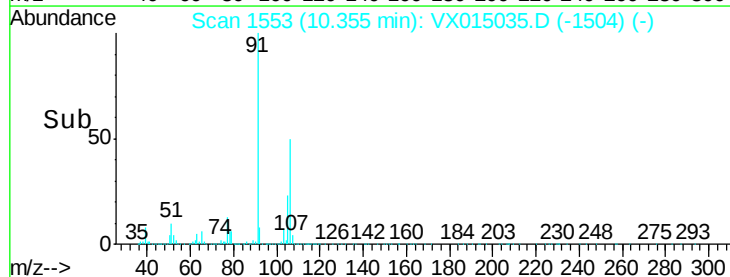
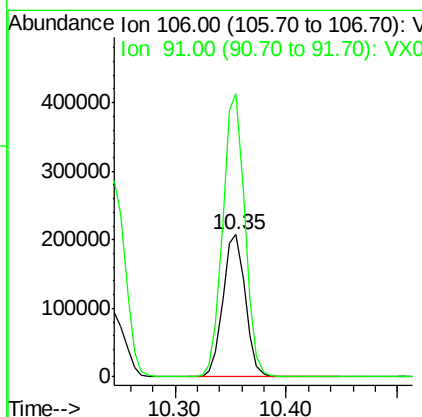
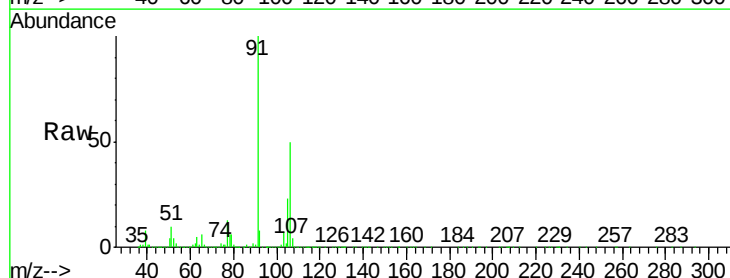
Manual Integrations
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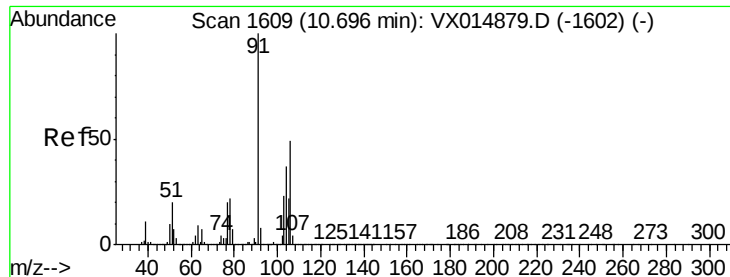
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#68
m/p-Xylenes
Concen: 39.393 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 106 Resp: 287408
Ion Ratio Lower Upper
106 100
91 196.8 160.6 240.8





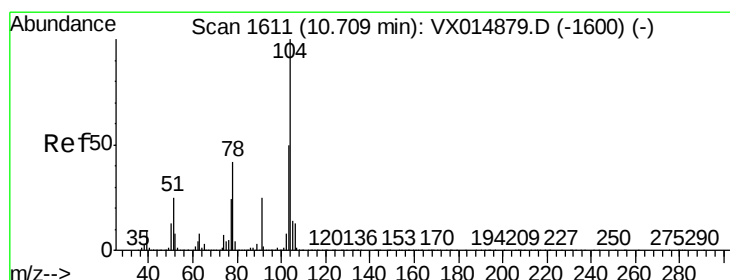
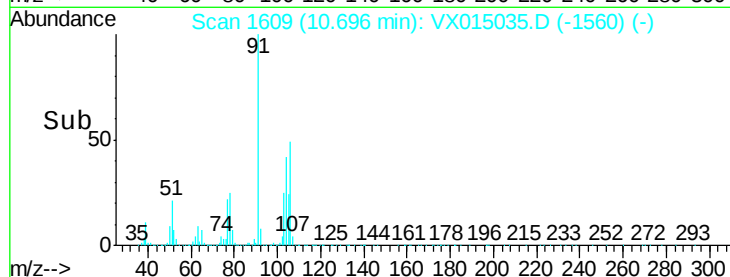
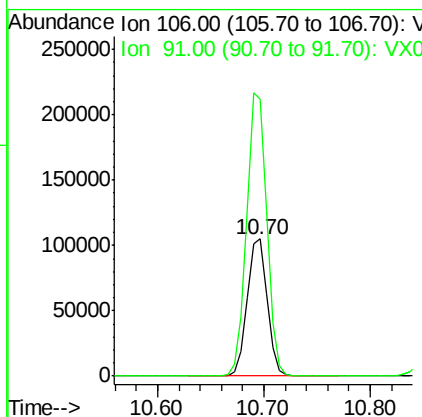
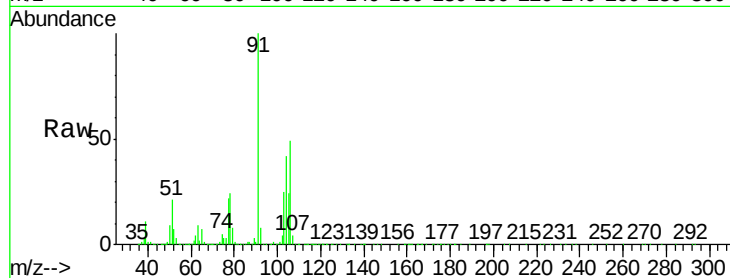
#69
o-Xylene
Concen: 19.976 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	140096		
91	207.2	105.1	315.3	

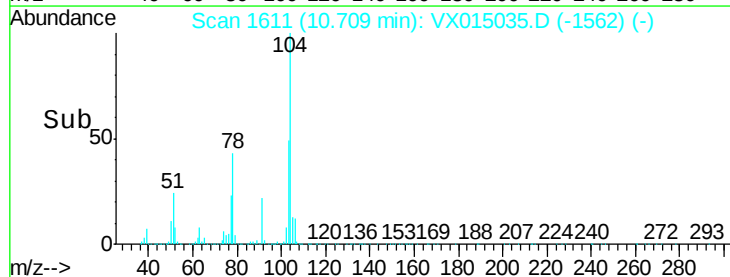
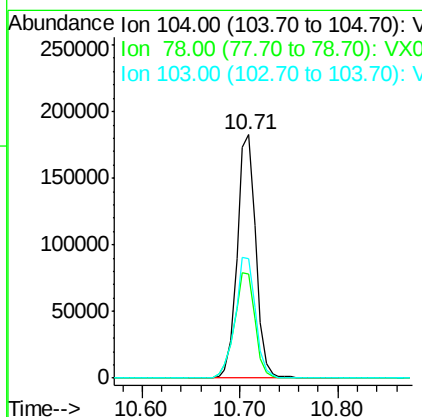
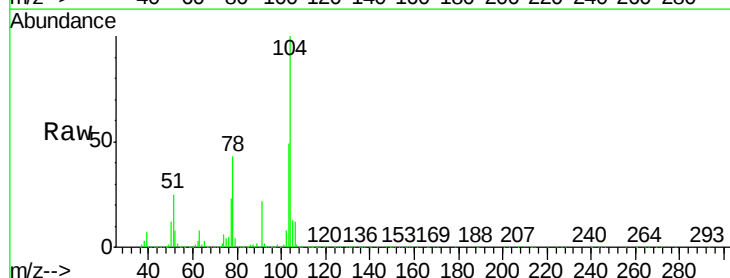
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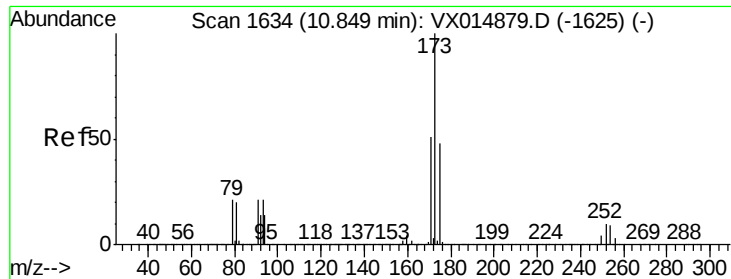
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#70
Styrene
Concen: 20.282 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	240634		
78	48.0	39.0	58.4	
103	54.3	43.4	65.0	





#71

Bromoform

Concen: 20.391 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:173 Resp: 68809

Ion Ratio Lower Upper

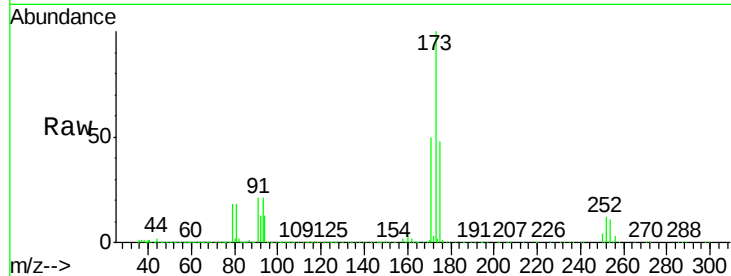
173 100

175 48.5 24.2 72.6

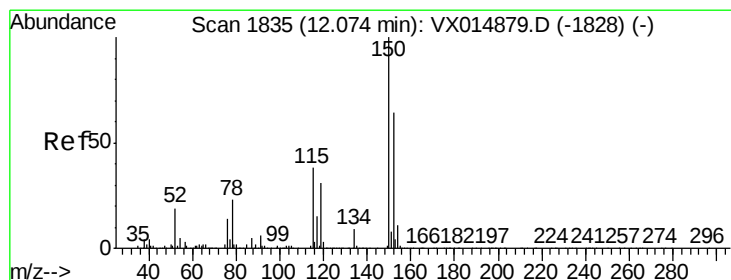
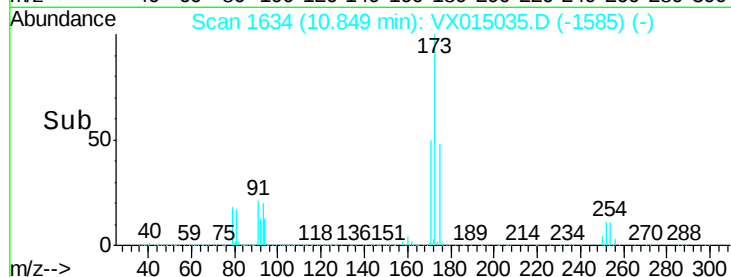
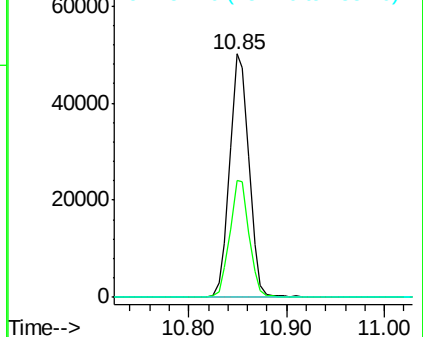
254 0.3 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

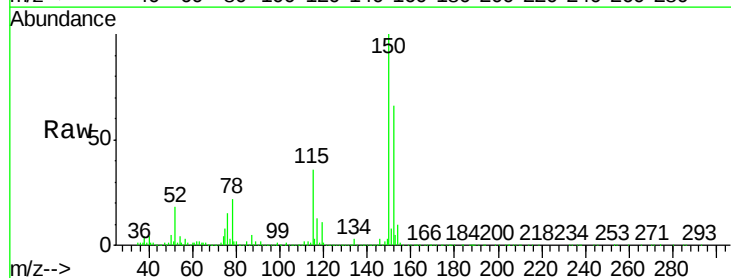
Tgt Ion:152 Resp: 319500

Ion Ratio Lower Upper

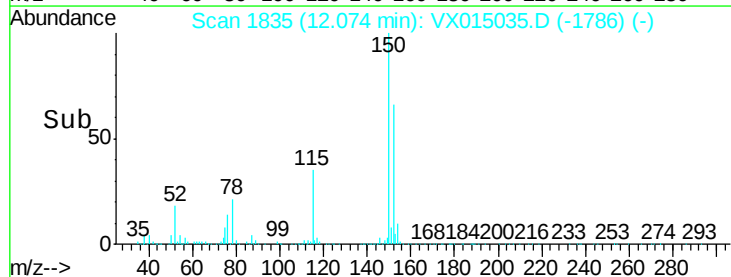
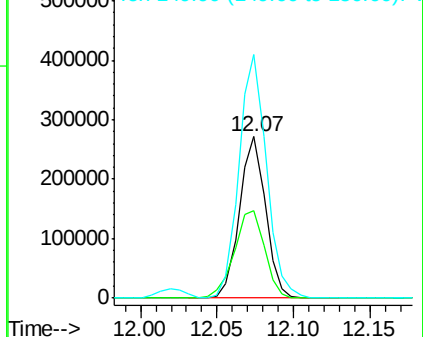
152 100

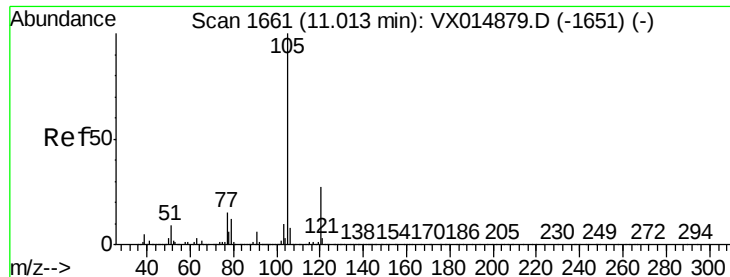
115 63.8 38.6 116.0

150 159.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.207 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:105 Resp: 404864

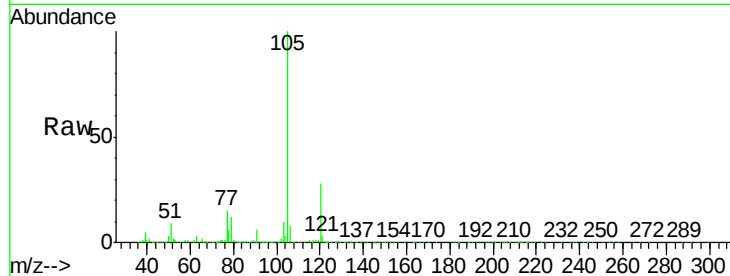
Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8

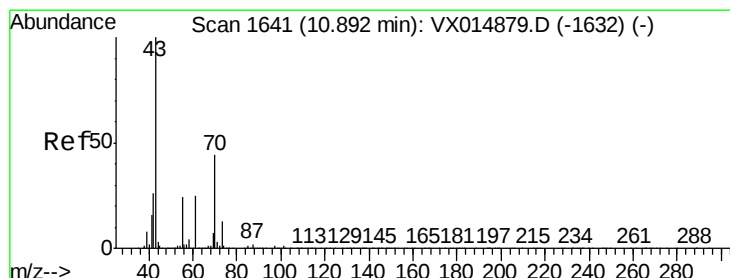
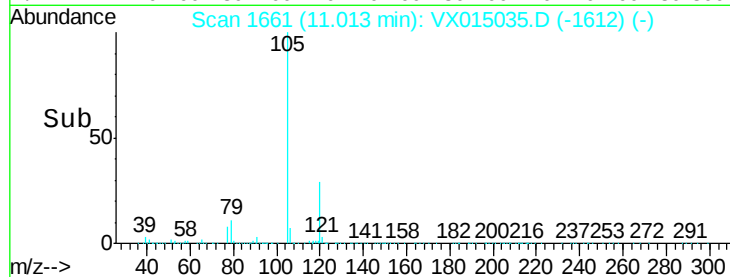
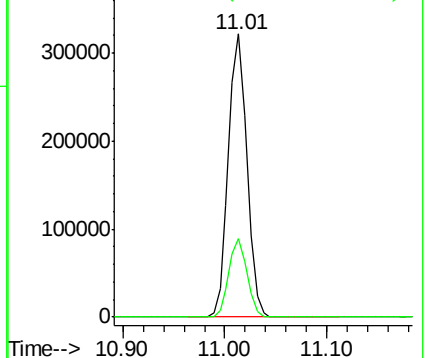
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.013 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion: 43 Resp: 166607

Ion Ratio Lower Upper

43 100

70 44.1 35.0 52.4

55 25.2 19.4 29.2

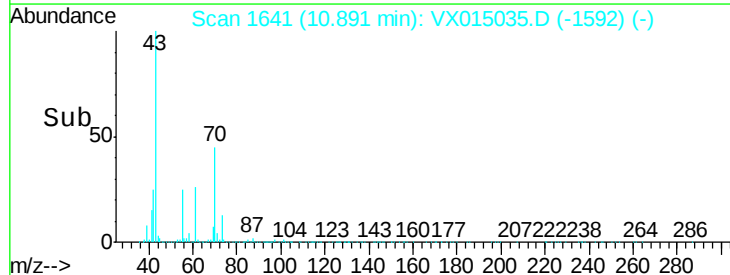
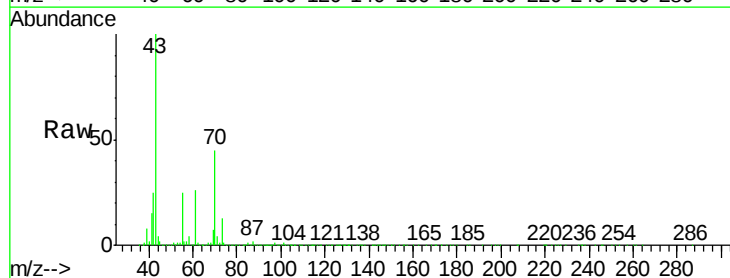
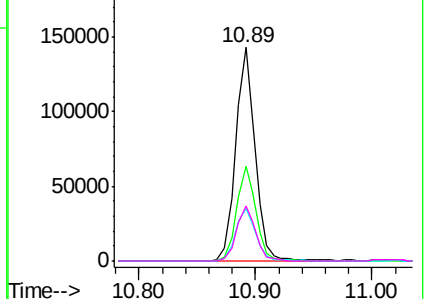
61 25.4 19.8 29.6

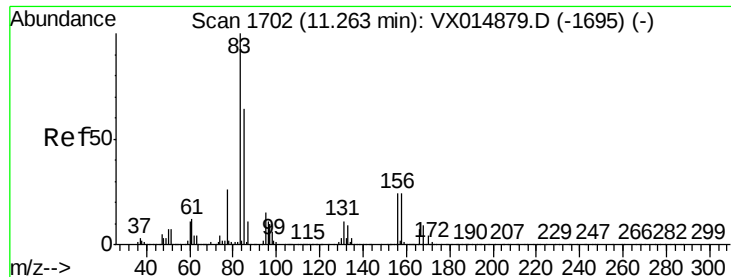
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.219 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

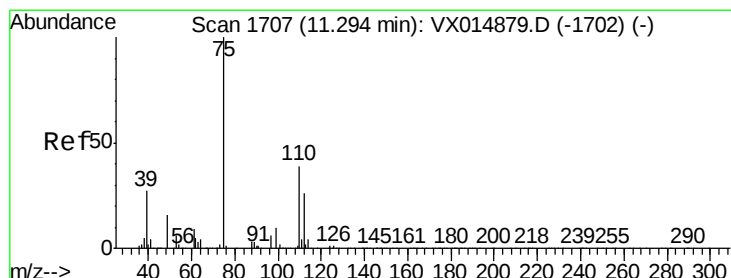
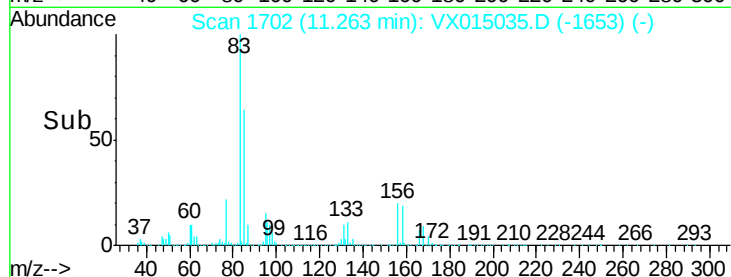
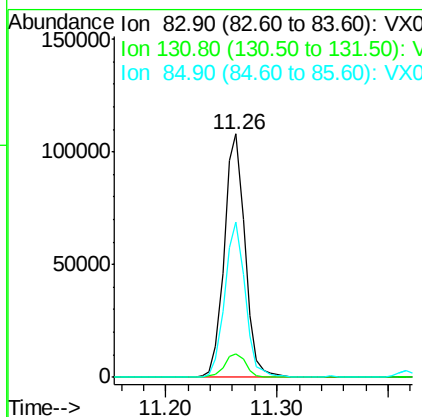
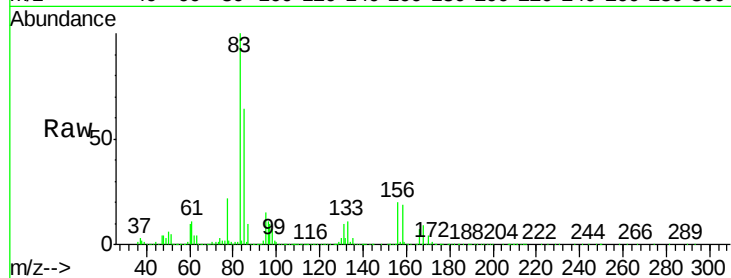
ClientSampleId :

VX0227WBS01

Tot Ion:	83	Resp:	138977
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.3	16.1
85	63.6	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 22.665 ug/l m

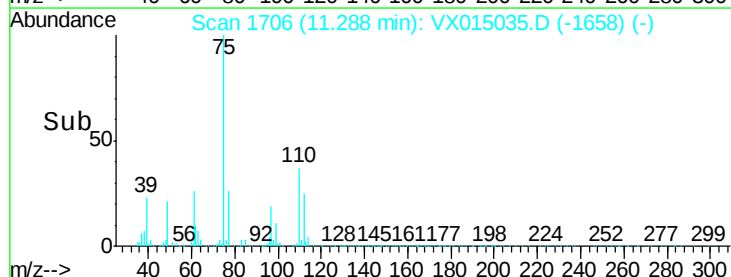
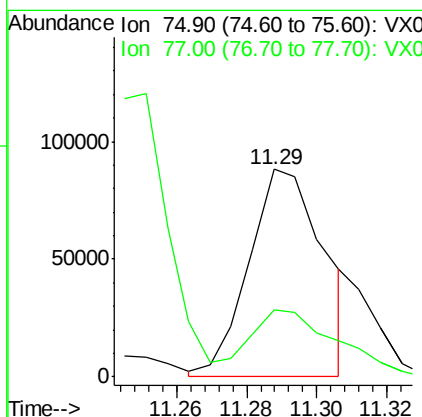
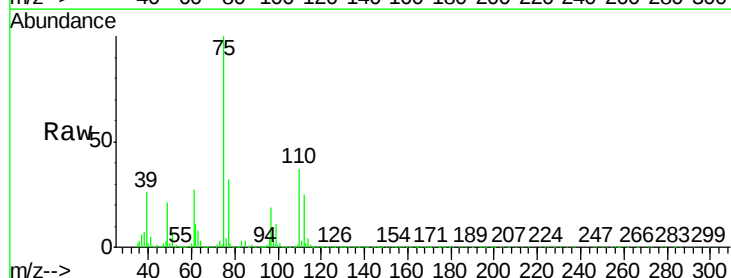
RT: 11.29 min Scan# 1706

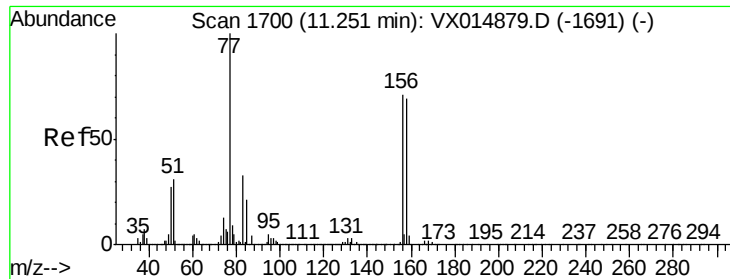
Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	75	Resp:	130947
Ion Ratio		Lower	Upper
75	100		
77	37.7	18.4	55.0





#77

Bromobenzene

Concen: 19.421 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

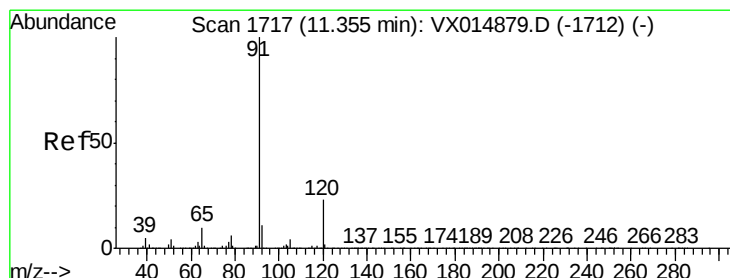
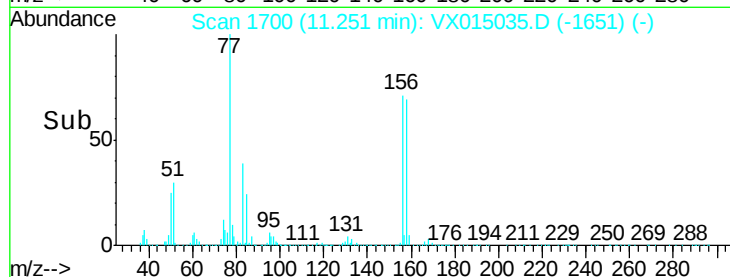
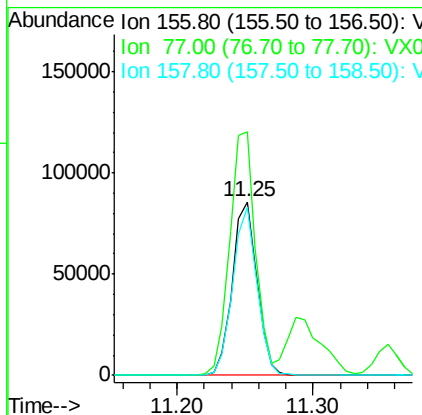
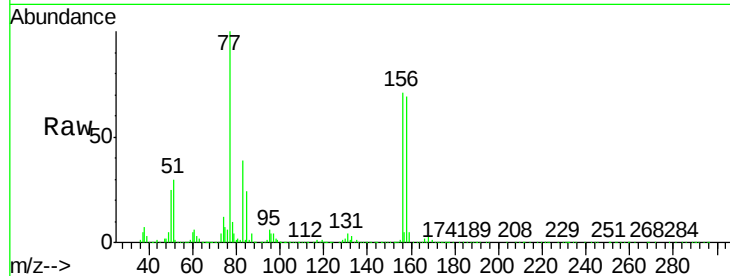
ClientSampleId :

VX0227WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.0	74.0	222.0
158	95.0	48.9	146.6

Manual Integrations
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2/28/2020 11:37:15 AM



#78

n-propylbenzene

Concen: 19.873 ug/l

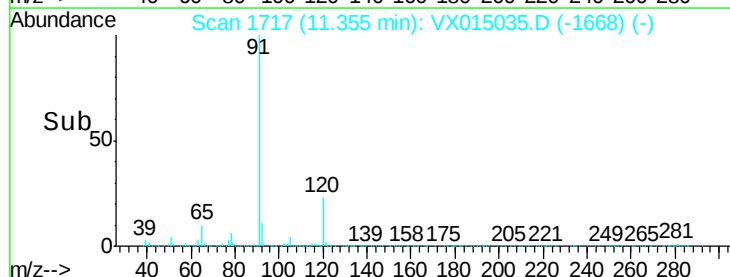
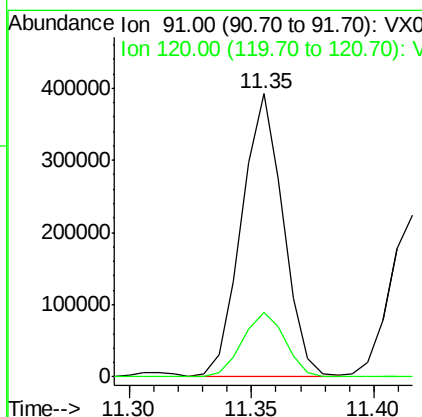
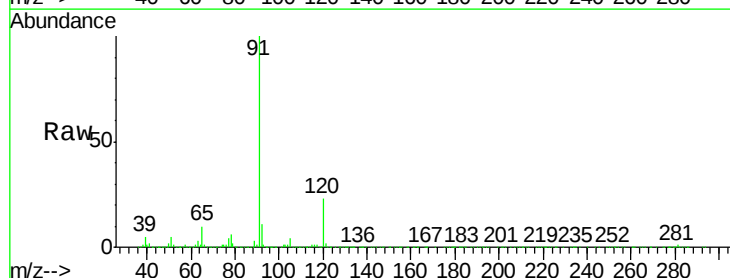
RT: 11.35 min Scan# 1717

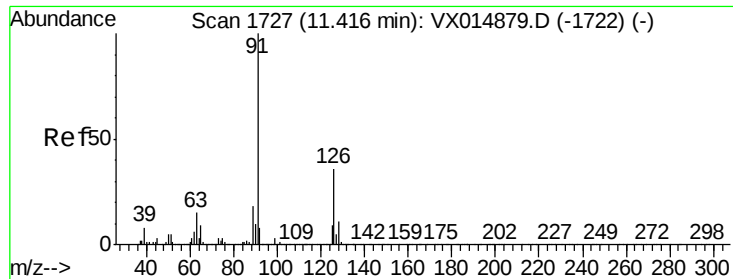
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.4





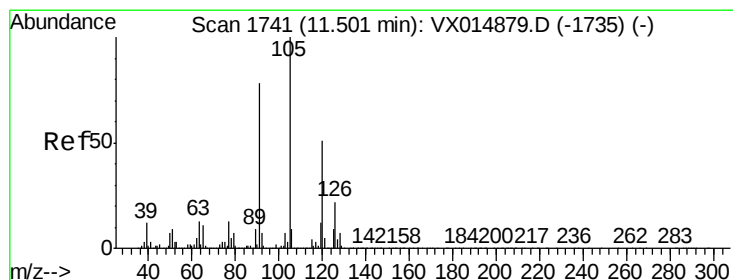
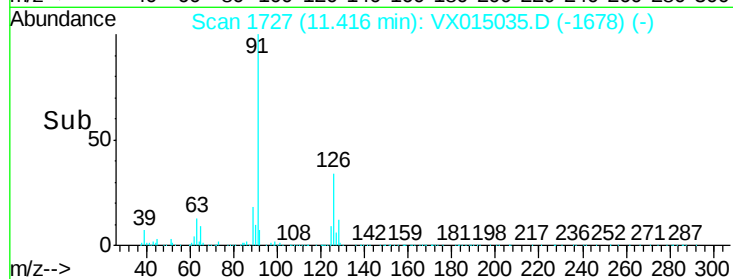
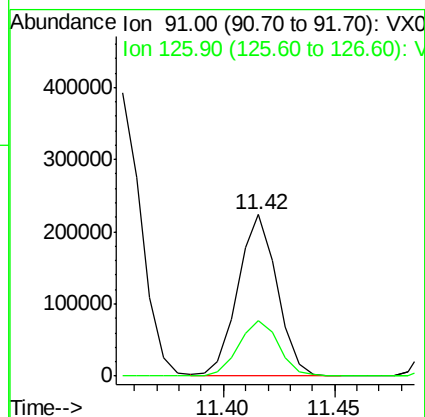
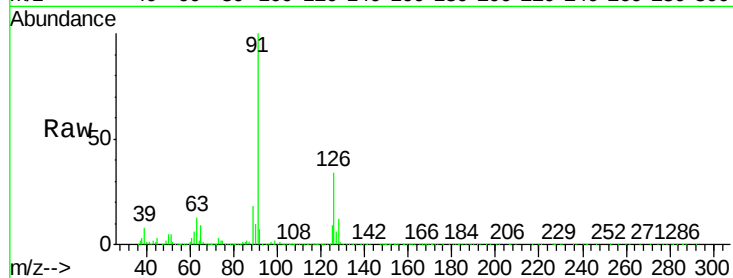
#79
2-Chlorotoluene
Concen: 20.058 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion: 91 Resp: 273268
Ion Ratio Lower Upper
91 100
126 35.4 18.0 54.0

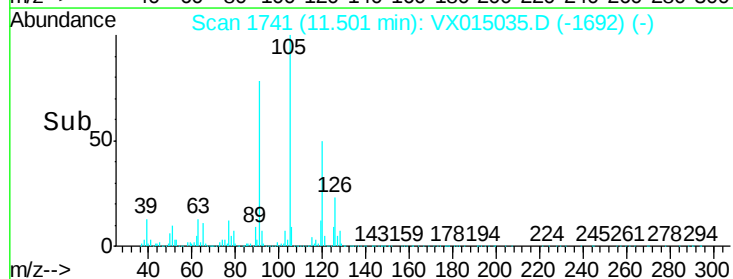
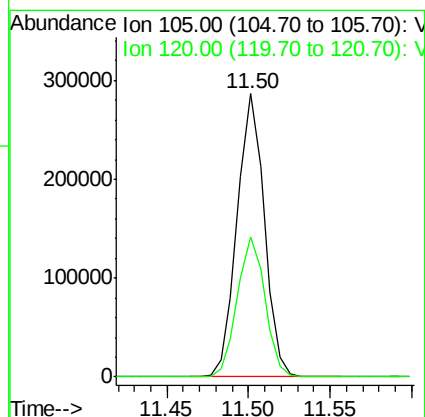
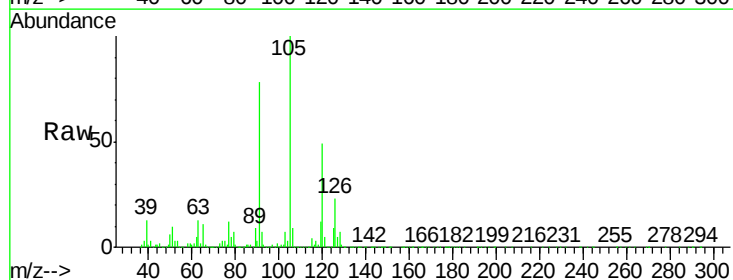
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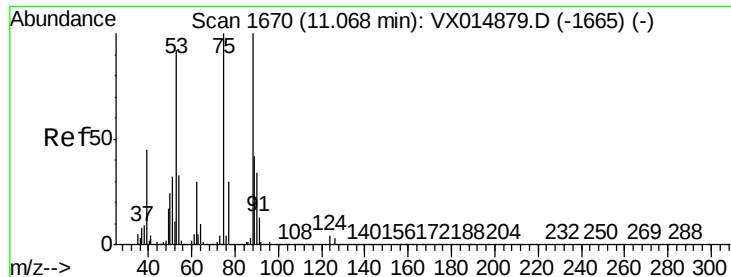
MMDadoda
2/28/2020 11:37:15 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.943 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 105 Resp: 333875
Ion Ratio Lower Upper
105 100
120 50.1 25.6 76.6





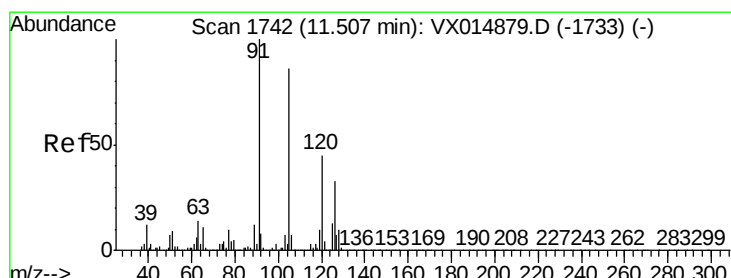
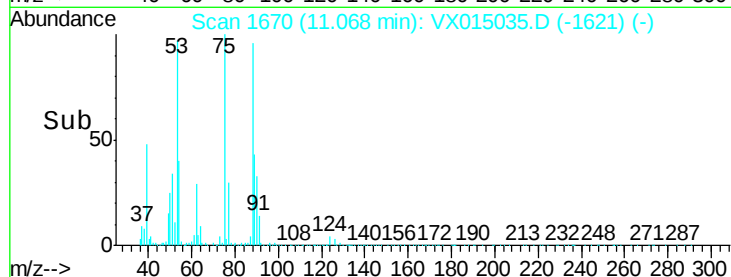
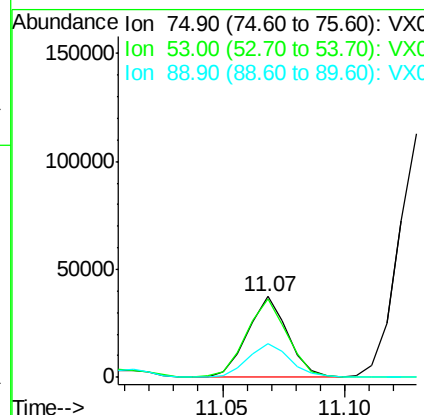
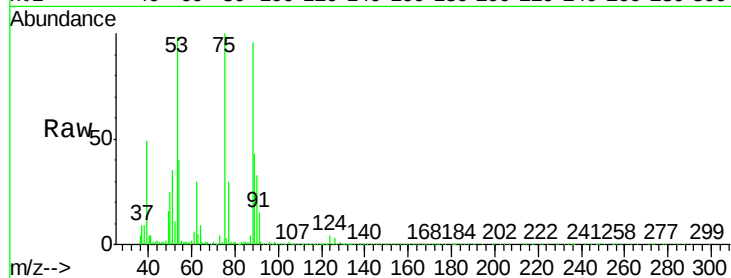
#81
trans-1,4-Dichloro-2-butene
Concen: 18.904 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	76.2	114.2
89	44.0	35.8	53.6

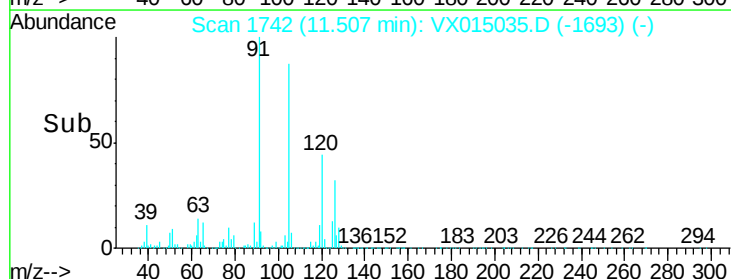
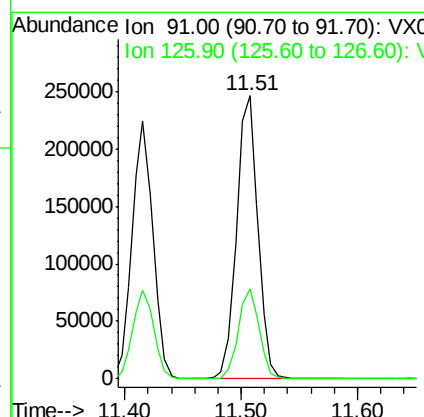
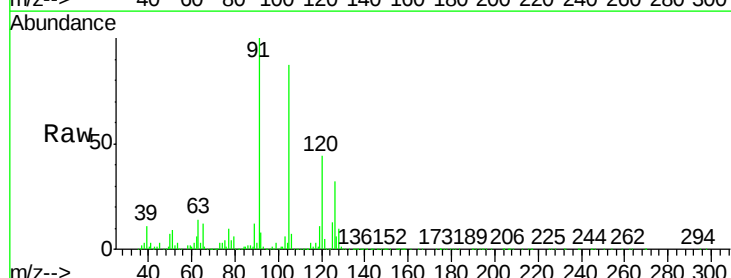
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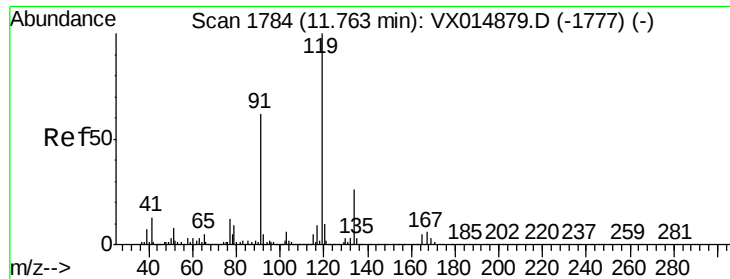
MMDadoda
2/28/2020 11:37:15 AM



#82
4-Chlorotoluene
Concen: 19.386 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 20.543 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

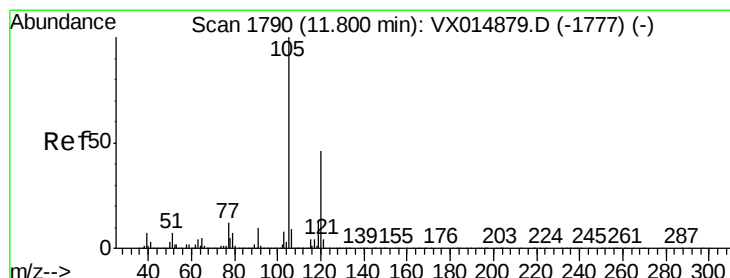
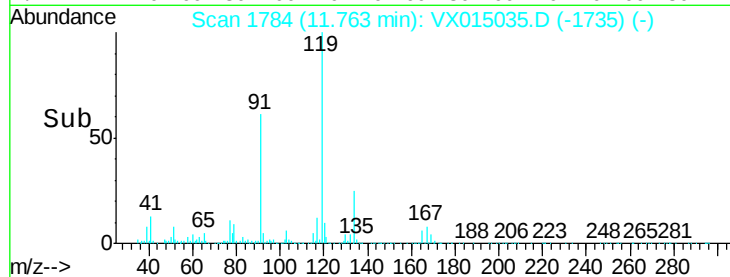
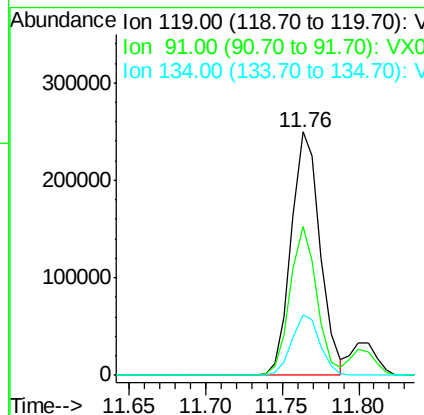
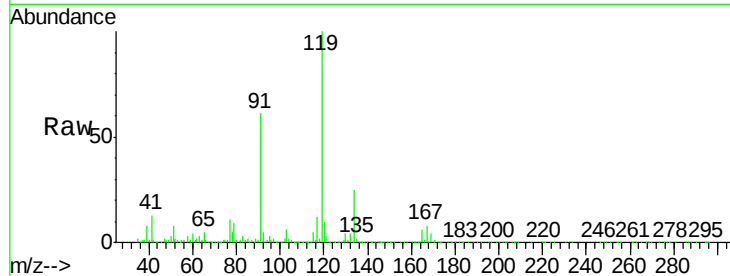
ClientSampleId :

VX0227WBS01

Tot Ion:	119	Resp:	325681
Ion Ratio	Lower	Upper	
119	100		
91	56.7	29.5	88.6
134	24.5	12.6	37.6

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2/28/2020 11:37:15 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.282 ug/l

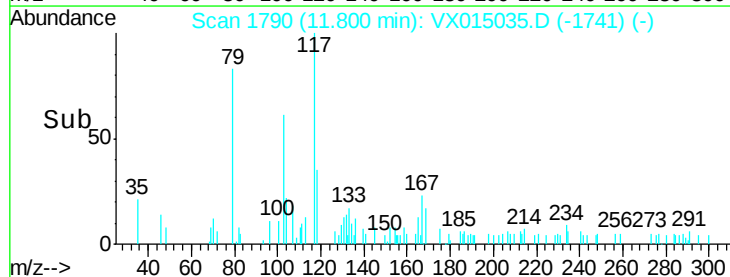
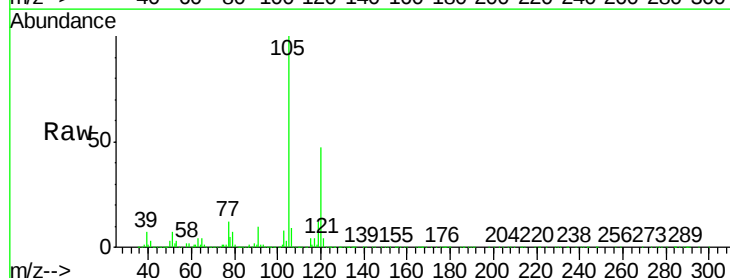
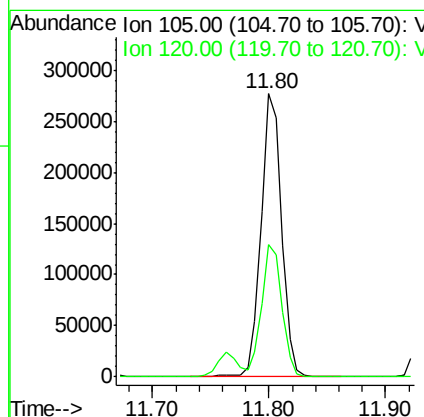
RT: 11.80 min Scan# 1790

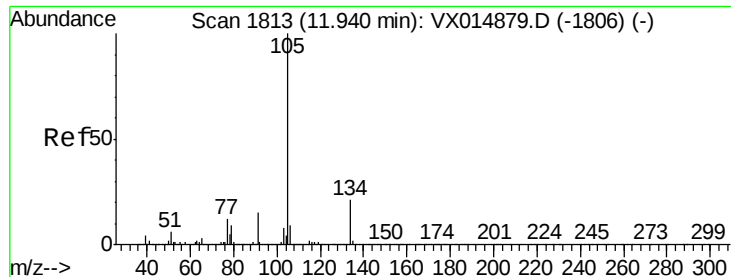
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	105	Resp:	342191
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 20.357 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:105 Resp: 400912

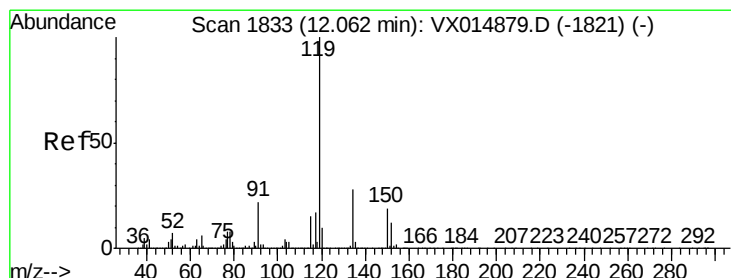
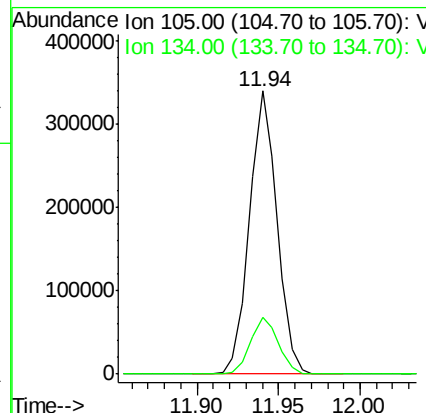
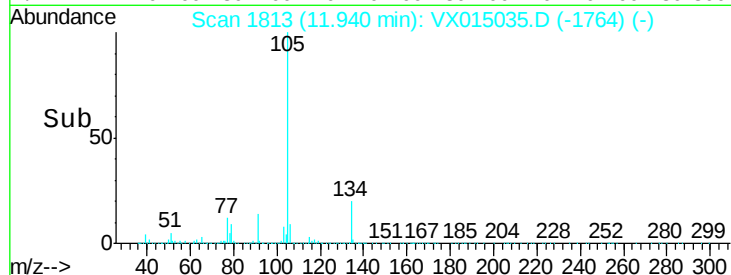
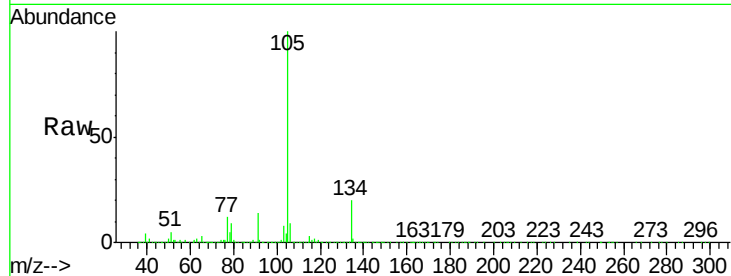
Ion Ratio Lower Upper

105 100

134 20.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.747 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

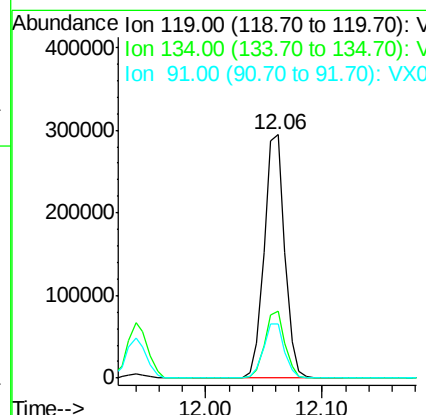
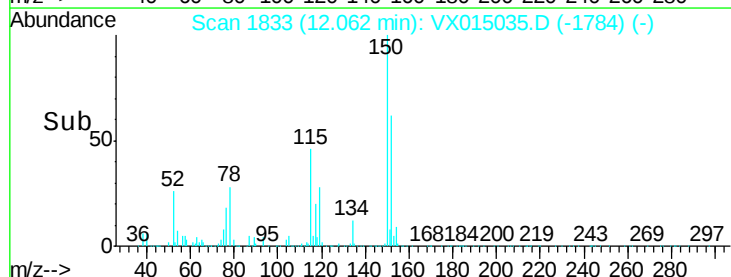
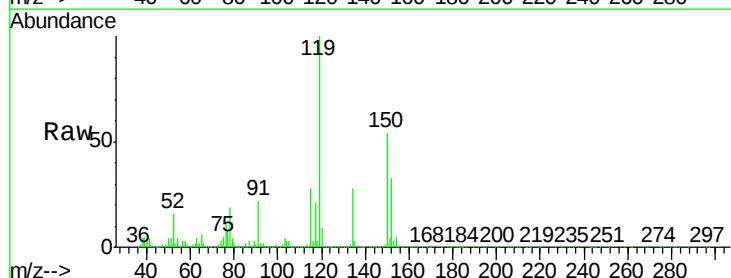
Tgt Ion:119 Resp: 363936

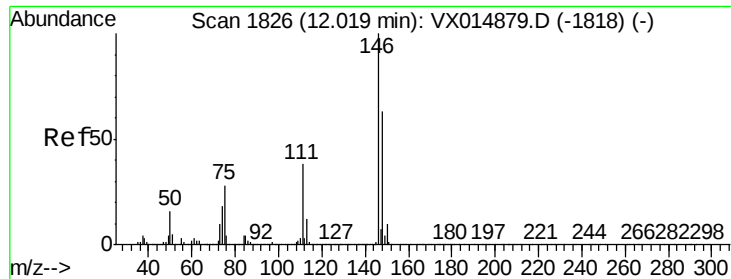
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.660 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015035.D

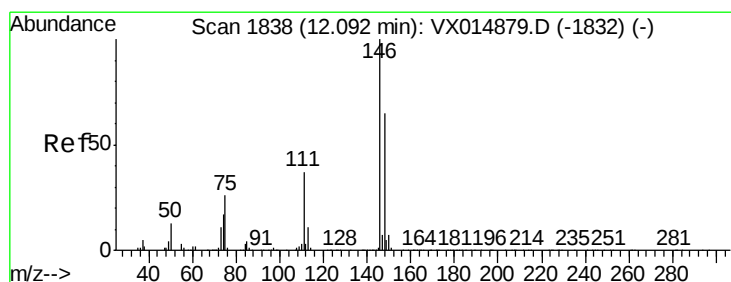
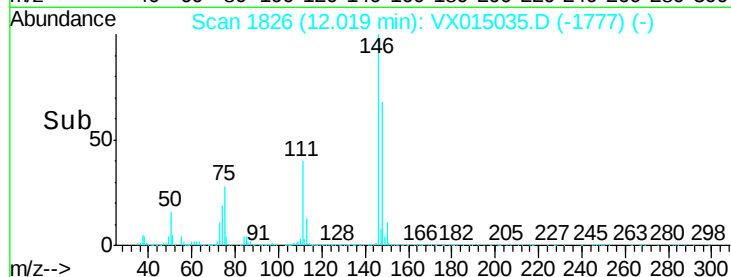
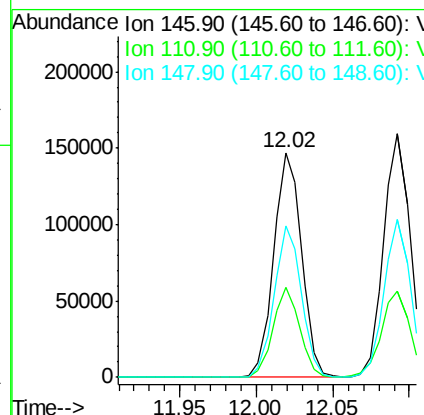
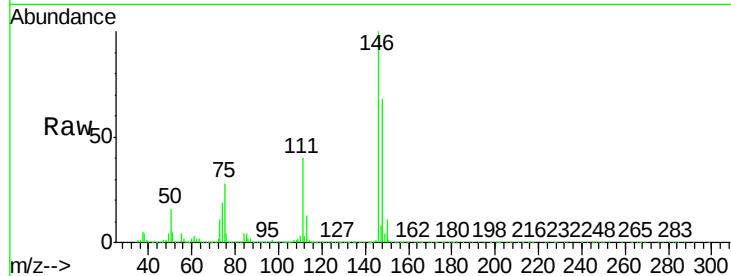
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	56.0
148	65.8	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.816 ug/l

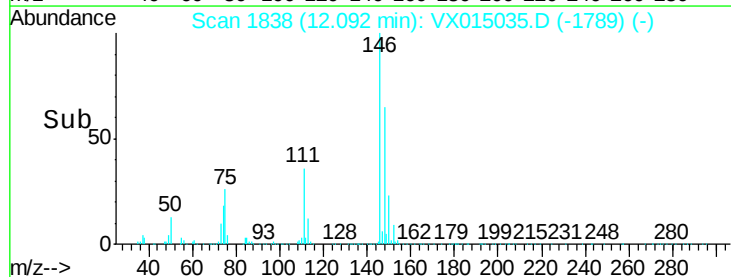
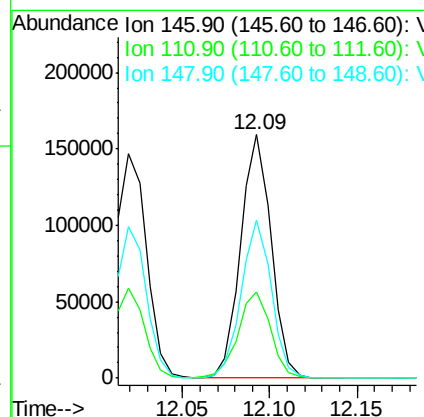
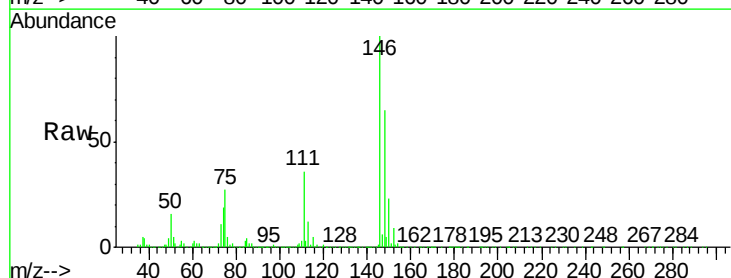
RT: 12.09 min Scan# 1838

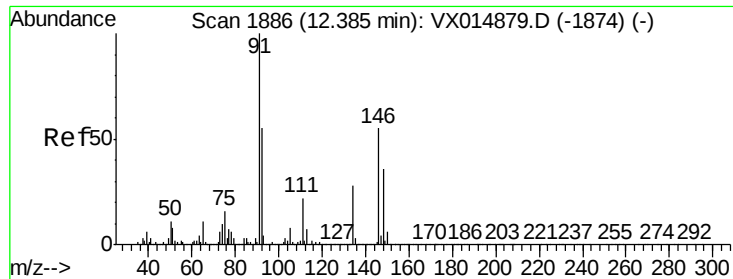
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	64.3	32.4	97.0





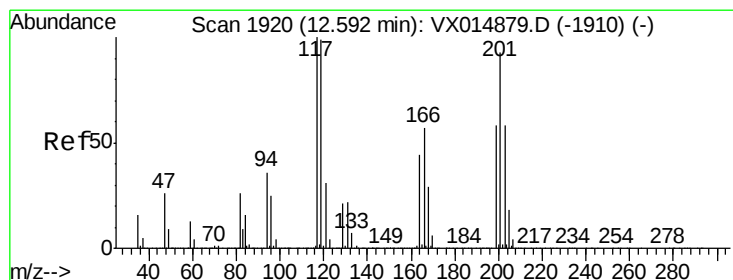
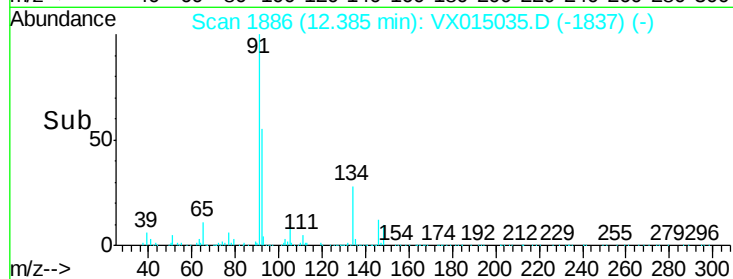
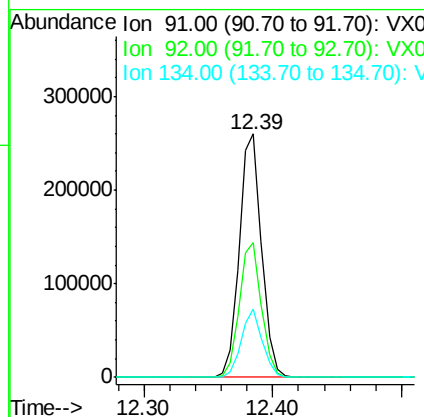
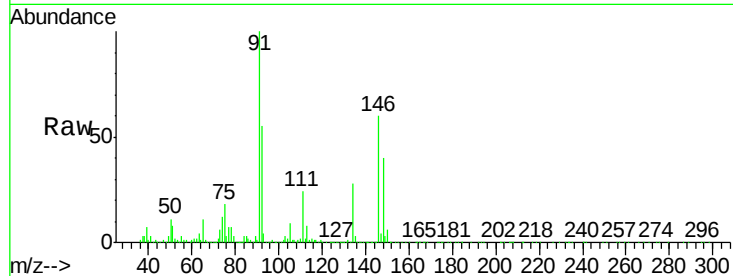
#89
n-Butylbenzene
Concen: 18.852 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	311165		
92	55.3	27.3	81.8	
134	26.8	13.8	41.4	

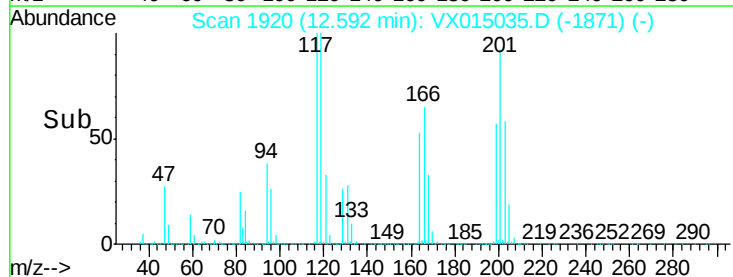
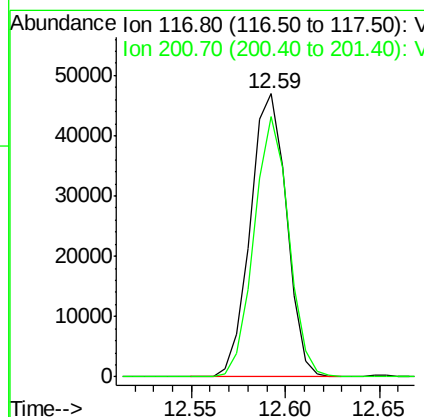
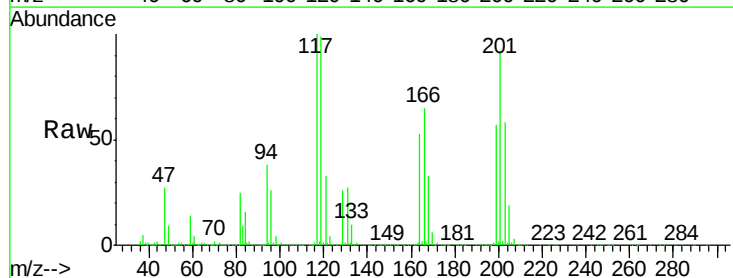
Manual Integrations
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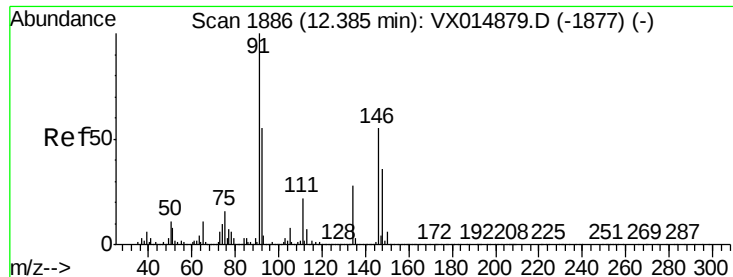
MMDadoda
2/28/2020 11:37:15 AM



#90
Hexachloroethane
Concen: 19.370 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62342		
201	88.4	44.8	134.3	





#91

1,2-Dichlorobenzene

Concen: 19.184 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

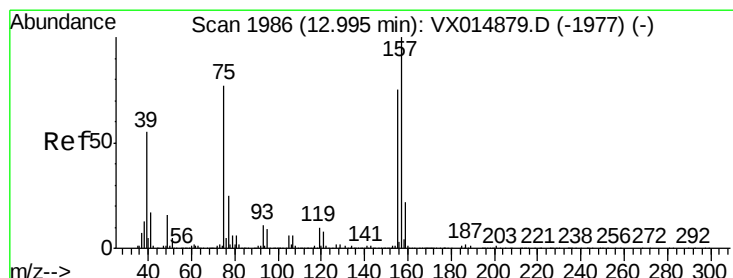
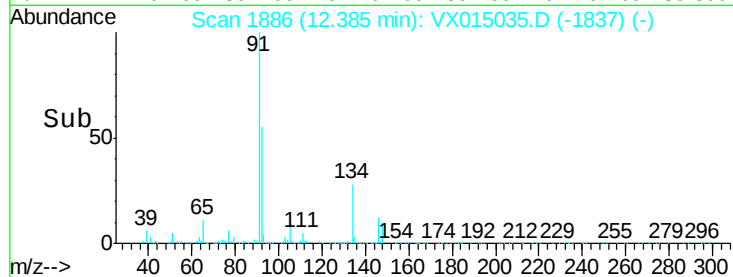
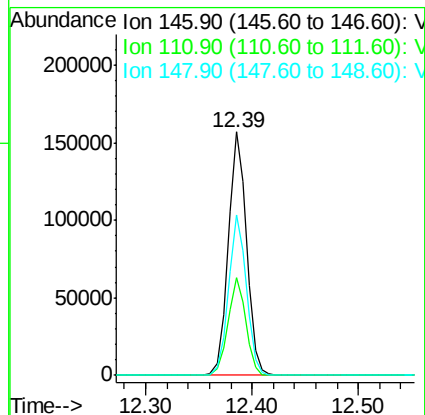
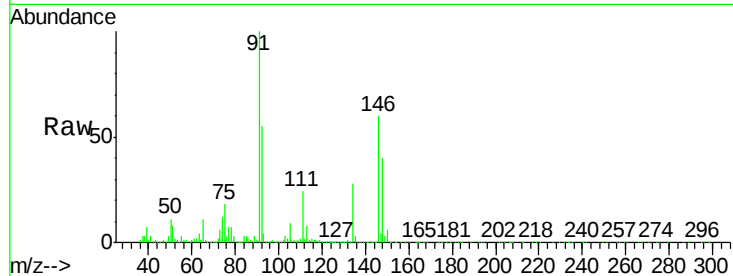
ClientSampleId :

VX0227WBS01

Tot Ion:	146	Resp:	188746
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.8	59.3
148	65.0	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.425 ug/l

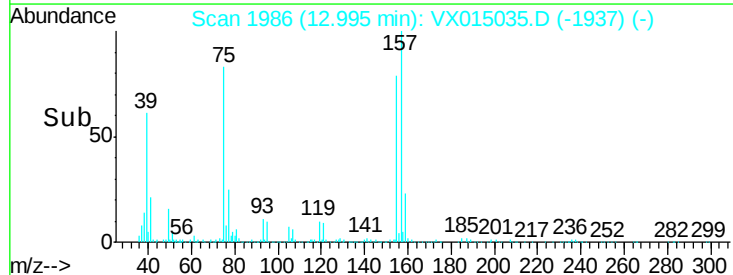
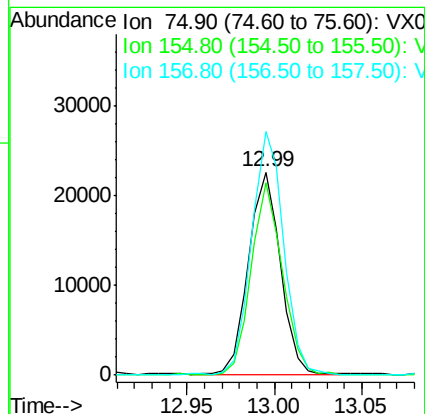
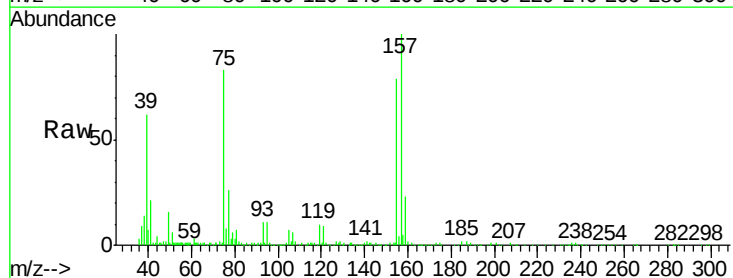
RT: 12.99 min Scan# 1986

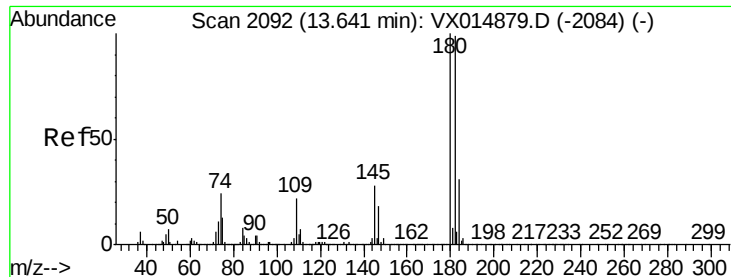
Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:	75	Resp:	28312
Ion Ratio	Lower	Upper	
75	100		
155	93.7	48.6	145.9
157	123.4	62.0	186.0





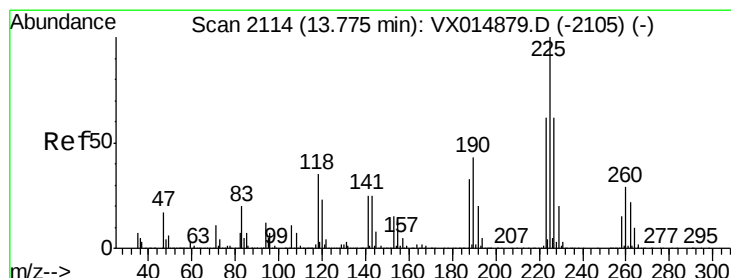
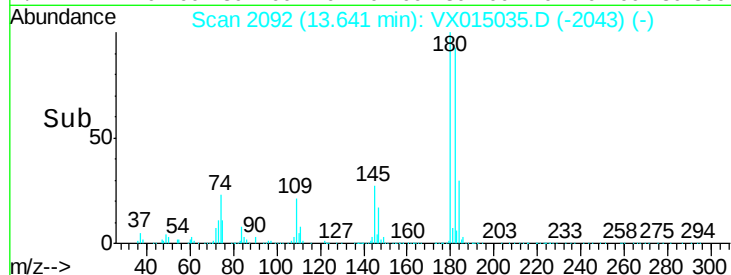
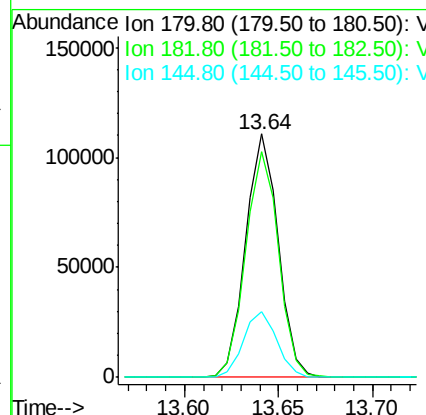
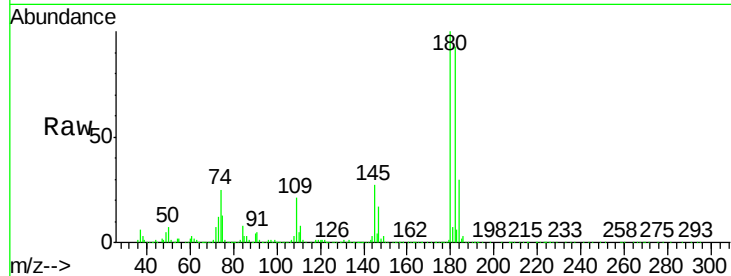
#93
1,2,4-Trichlorobenzene
Concen: 18.237 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132435		
182	94.2	48.4	145.3	
145	28.1	14.1	42.4	

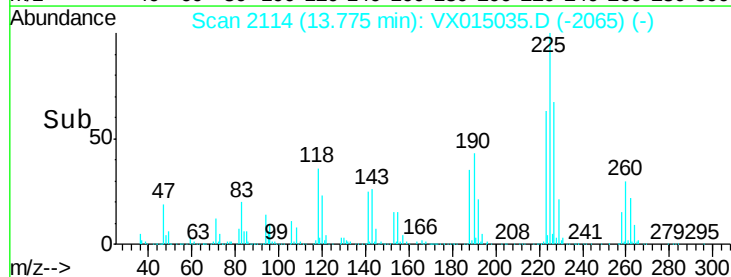
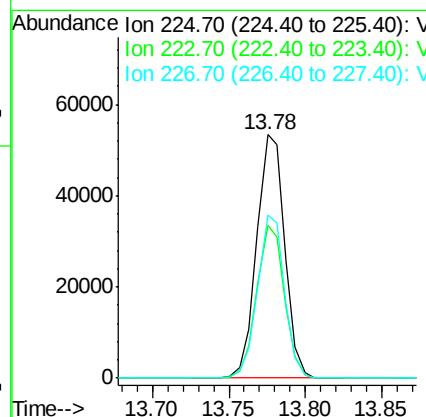
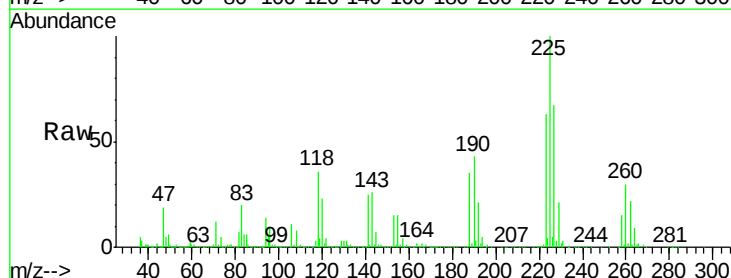
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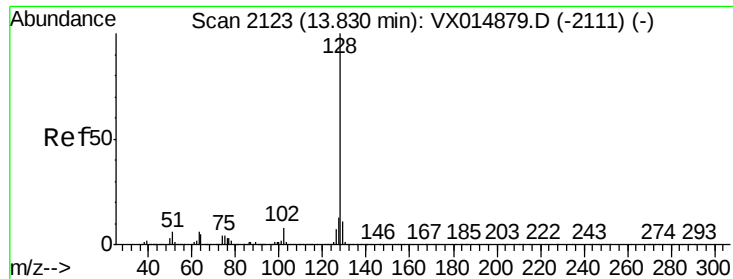
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#94
Hexachlorobutadiene
Concen: 19.369 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68031		
223	62.2	31.1	93.2	
227	64.8	30.9	92.5	





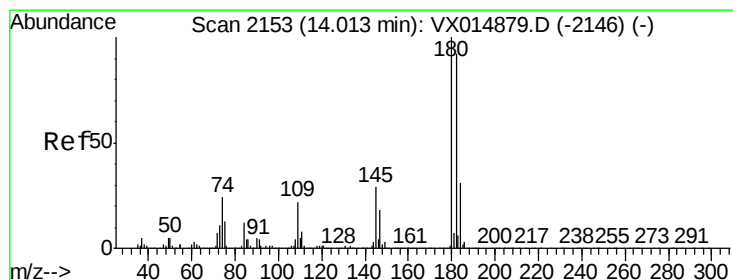
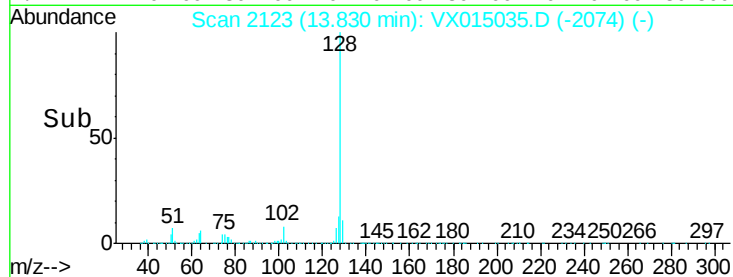
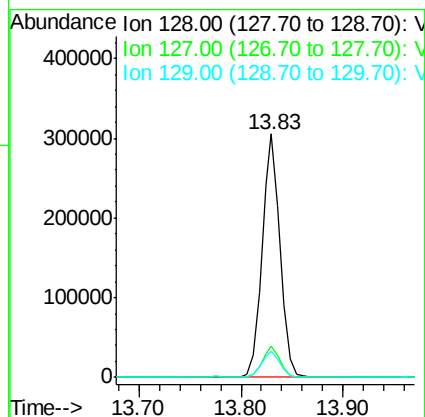
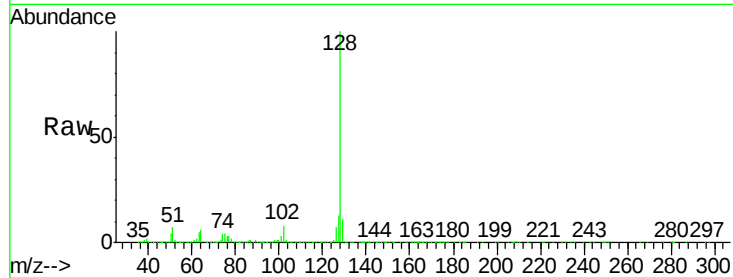
#95
Naphthalene
Concen: 19.384 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		374270		
127	12.9		10.4	15.6	
129	11.0		8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 18.805 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		131933		
182	96.1		47.5	142.6	
145	29.3		14.5	43.5	

